

## Smad2/3 (Phospho Thr8) (18L13) Rabbit Monoclonal Antibody

Catalog# HZ-YMA00290

### Product information

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 产品货号                | HZ-YMA00290                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 别名                  | SMAD2;MADH2;MADR2;Mothers against decapentaplegic homolog 2;MAD homolog 2;Mothers against DPP homolog 2;JV18-1;Mad-related protein 2;hMAD-2;SMAD family member 2;SMAD 2;Smad2;hSMAD2;SMAD3;MADH3;Mothers against decapentaplegic;SMAD3                                                                                                                                                                                                                                                                                                                        |
| 产品名称                | Smad2/3 (Phospho Thr8) (18L13) Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 类别                  | 抗体产品                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 基因名称                | SMAD2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 推荐应用                | WB,IF-P,IF-F,IF-ICC,IP,ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 反应种属                | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 存储缓冲液               | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Human Gene ID       | 4087;4088                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Human Swissprot No. | Q15796;P84022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 稀释度                 | WB 1:2000-1:10000, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:5000-1:20000, IP 1:50-1:200                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 参考分子量               | 48kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 预测分子量               | 62kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 运输及保存条件             | Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 宿主                  | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 同种型                 | IgG,Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 细胞定位                | Cytoplasm . Nucleus . Cytoplasmic and nuclear in the absence of TGF-beta. On TGF-beta stimulation, migrates to the nucleus when complexed with SMAD4 (PubMed:9865696, PubMed:21145499). On dephosphorylation by phosphatase PPM1A, released from the SMAD2/SMAD4 complex, and exported out of the nucleus by interaction with RANBP1 (PubMed:16751101, PubMed:19289081). Localized mainly to the nucleus in the early stages of embryo development with expression becoming evident in the cytoplasm at the blastocyst and epiblast stages (By similarity). . |
| 纯化                  | Protein A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Clonality           | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |