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| <b>Product name:</b>     | Phospho-Smad2 (Ser255) Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                 |
| <b>Cat number:</b>       | MABN84849                                                                                                                                                                                                                                                                                                         |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                      |
| <b>Size:</b>             | 100µL                                                                                                                                                                                                                                                                                                             |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                                                                                                                                        |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                            |
| <b>Host:</b>             | Rabbit                                                                                                                                                                                                                                                                                                            |
| <b>Isotype:</b>          | IgG                                                                                                                                                                                                                                                                                                               |
| <b>Immunogen:</b>        | A synthetic phosphopeptide corresponding to residues surrounding Ser255 of human Smad2                                                                                                                                                                                                                            |
| <b>Reactivity:</b>       | Human                                                                                                                                                                                                                                                                                                             |
| <b>Applications:</b>     | WB 1:500-1:1000,IHC 1:50-1:100,IP 1:10-1:20                                                                                                                                                                                                                                                                       |
| <b>Molecular Weight:</b> | Calculated MW: 52 kDa; Observed MW: 60 kDa                                                                                                                                                                                                                                                                        |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                                                                             |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                            |
| <b>Buffer:</b>           | Purified antibody in TBS with 0.05% sodium azide,0.05%BSA and 50% glycerol.                                                                                                                                                                                                                                       |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.                                                                                                                                                                                                                      |
| <b>Background:</b>       | The protein encoded by this gene belongs to the SMAD, a family of proteins similar to the gene products of the Drosophila gene 'mothers against decapentaplegic' (Mad) and the C. elegans gene Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. |