

## Anti-Phospho-SMAD2-Ser245 antibody (STJA0009833)

STJA0009833

### GENERAL INFORMATION

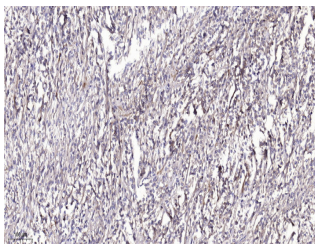
|                          |                                                                                                                                                                                     |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Type</b>      | Primary antibodies                                                                                                                                                                  |
| <b>Short Description</b> | Rabbit polyclonal antibody anti-Phospho-Mothers against decapentaplegic homolog 2-Ser245 is suitable for use in Western Blot, ELISA and Immunohistochemistry research applications. |
| <b>Applications</b>      | WB/ELISA/IHC                                                                                                                                                                        |
| <b>Host/Source</b>       | Rabbit                                                                                                                                                                              |
| <b>Reactivity</b>        | Human/Mouse/Rat                                                                                                                                                                     |

### PRODUCT PROPERTIES

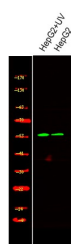
|                            |                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>           | Polyclonal                                                                                                |
| <b>Clone ID</b>            |                                                                                                           |
| <b>Concentration</b>       | 1 mg/mL                                                                                                   |
| <b>Conjugation</b>         | Unconjugated                                                                                              |
| <b>Purification</b>        | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. |
| <b>Dilution Range</b>      | WB 1:500-2000<br>IHC-p 1:50-300<br>ELISA 2000-20000                                                       |
| <b>Formulation</b>         | Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.                                   |
| <b>Isotype</b>             | IgG                                                                                                       |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.            |

### TARGET INFORMATION

|                           |                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 4087                                                                                |
| <b>Gene Symbol</b>        | SMAD2                                                                               |
| <b>Uniprot ID</b>         | SMAD2_HUMAN                                                                         |
| <b>Immunogen</b>          | Synthesized peptide derived from human Smad2 (Phospho Ser245)                       |
| <b>Immunogen Region</b>   |                                                                                     |
| <b>Specificity</b>        | This antibody detects endogenous levels of Human, Mouse, Rat Smad2 (Phospho Ser245) |
| <b>Immunogen Sequence</b> |                                                                                     |



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1. Antibody was diluted at 1:200 (4A°C overnight). 2. Tris-EDTA, pH9.0 was used for antigen retrieval. 3. Secondary antibody was diluted at 1:200 (room temperature, 45min).



Western Blot analysis of various, using primary antibody at 1:1000 dilution. Secondary antibody (STJS000791) was diluted at 1:10000