

Anti-Smad4 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R011605

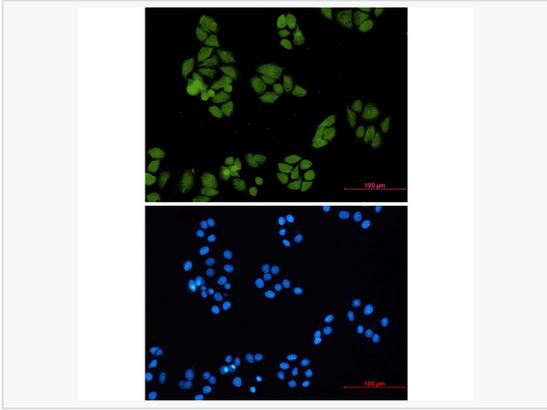
Product Information

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|-------------|---|
| Application | WB, ICC/IF (Cell), IP, ELISA |
| Reactivity | Human, Rat |
| Dilution | WB 1:500~1:1,000; IF 1:50~1:200; IP 1:20 |
| Host | Rabbit |
| Clonality | Monoclonal |
| Clone No. | 44L41L23 |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | A synthetic peptide of human Smad4 |
| Format | Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-Smad4 antibody [44L41L23] is for research use only and not for use in diagnostic or therapeutic procedures. |

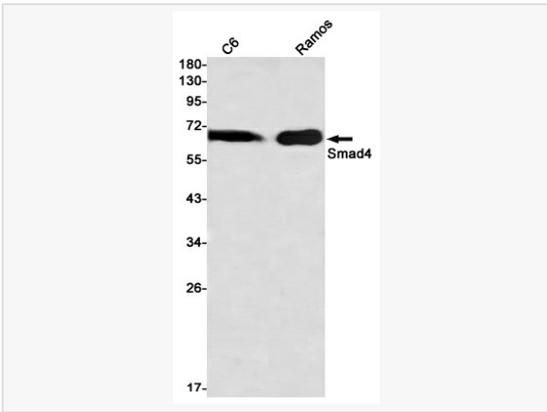
Protein Information

| | |
|---------------|---|
| Synonyms | SMAD4, DPC4, MADH4, Mothers against decapentaplegic homolog 4, MAD homolog 4, Mothers against DPP homolog 4, Deletion target in pancreatic carcinoma 4, SMAD family member 4, SMAD 4, Smad4, hSMAD4. |
| Calculated MW | Calculated MW: 60 kDa; Observed MW: 70 kDa |
| Uniprot ID | Q13485 |
| Gene ID | 4089 |
| Background | Smad4 transcription factor that mediates signal transduction by the transforming growth factor superfamily. The common smad (co-smad). Binds directly to consensus DNA-binding elements in the promoters of target genes. Promotes binding of the Smad2/Smad4/Fast-1 complex to DNA and provides an activation function required for Smad1 or Smad2 to stimulate transcription. |

Validation Images



Immunocytochemistry analysis of Smad4 (green) in HeLa using Smad4 antibody and DAPI (blue) .



Western blot analysis of Smad4 in C6, Ramos lysates using Smad4 antibody.