

Anti-Phospho-SMAD2 (S255) Rabbit Monoclonal Antibody



Catalog #: U1050

Aliases

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

Background

Gene Name: SMAD2

NCBI Gene Entry: [4087](#)

UniProt Entry: [Q15796](#)

Application Information

Molecular Weight: Predicted, 52 kDa; observed, 60 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB7790

Species Reactivity: Human

Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunoprecipitation (IP)

Immunogen

A synthesized peptide derived from human Phospho-SMAD2 (S255)

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, 0.05% BSA and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunohistochemistry (IHC): 1:50-1:100

Immunoprecipitation (IP): 1:10-1:50

SUPPORT

SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

ORDERS

SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

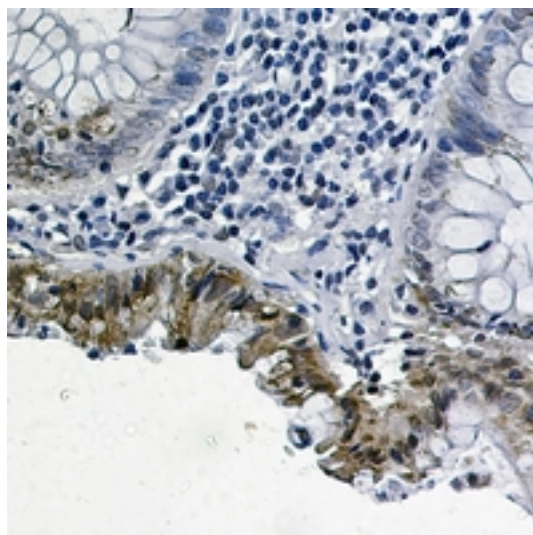
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Note: This product is for research use only.

Validation Data



Immunohistochemical analysis of SMAD2 (Phospho-S255) staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western blotting analysis of SMAD2 (Phospho-S255) expression in K562 (A) whole cell lysates.

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