
SMAD6 (5H3) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 253056

Unit: 0.1 ml

Description:

SMAD6 (Mothers against decapentaplegic homolog 6) protein is an antagonist of signaling by TGF-beta type 1 receptor superfamily members. It has been shown to inhibit selectively BMP (bone morphogenetic proteins) signaling by competing with the co-SMAD SMAD4 for receptor-activated SMAD1. SMAD6 is an inhibitory SMAD (I-SMAD) or antagonistic SMAD. Binds to regulatory elements in target promoter regions. SMAD6 is ubiquitous in various organs, with higher levels in lung. Isoform B is up-regulated in diseased heart tissue.

Isotype: Mouse IgG1

Applications: WB

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: Mothers against decapentaplegic homolog 6; MAD homolog 6; Mothers against DPP homolog 6; SMAD family member 6; SMAD 6; Smad6; hSMAD6; MADH6; SMAD6

Accession No.: O43541

Antigen: Purified recombinant fragment of human SMAD6 expressed in *E. coli*.

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.

Application Notes: WB: 1:500-1:2000;