

Smad2/3 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251894

Unit: 0.1 mg

Description:

SMAD family member 2 (SMAD2/3) is receptor-regulated SMAD (R-SMAD) that is an intracellular signal transducer and transcriptional modulator activated by TGF-beta (transforming growth factor) and activin type 1 receptor kinases. SMAD2/3 binds the TRE element in the promoter region of many genes that are regulated by TGF-beta and, on formation of the SMAD2/SMAD4 complex, activates transcription. SMAD2/3 acts as a tumor suppressor in colorectal carcinoma.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

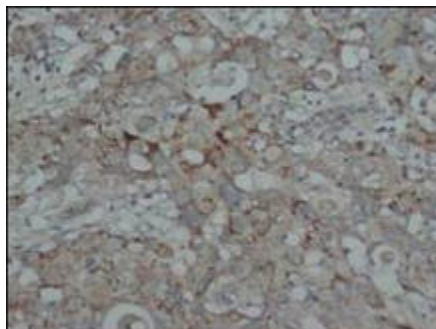
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 50% glycerol with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: SMAD2; Mothers against decapentaplegic homolog 2; Mothers against DPP homolog 2; Mad-related protein 2; hMAD-2; MADH2; MADR2; SMAD3; Mothers against decapentaplegic homolog 3; Mothers against DPP homolog 3; hMAD-3; SMAD family member 3; Smad3; hSMAD3; JV15-2; SMAD3; MADH3

Accession No.: Q15796, P84022

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Smad2/3.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



Smad2/3 staining in human intestine cancer. Paraffin-embedded human intestine cancer is stained with Smad2/3 Antibody (Cat. No. 251894) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Hae-Young L et al. 2013. Elsevier. The American Journal of Pathology. doi:10.1016/j.ajpath.2013.02.009. PMID# 23684430

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