

Anti-Phospho-SMAD1/5/9 (Ser463/Ser465/Ser467) Antibody (5N816)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 52 kDa. Actual: 52 kDa.
Clone:	5N816
Purification:	Protein A purified

Applications

Verified Activity:	The HepG2 (treated with Human BMP2 (50 ng/ml, 30 min)) (H) cells were fixed with 4% PFA (10 min at r. T.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r. T.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-phospho-SMAD1/5/9 (S463/S465/S467) antibody (TMAB-11291, 1:100); Isotype Control (orange): Rabbit IgG. Blank control (black): PBS. Acquisition of 20,000 events was performed.
Application:	WB,FCM
Recommended	WB: 1:500-2000; FCM: 1:50-100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human SMAD1 around the phosphorylation site of S463 and S465
Antigen Species:	Human
Gene ID:	4090
Uniprot ID:	Q99717

Research Background

The protein encoded by this gene belongs to the SMAD, a family of proteins similar to the gene products of the Drosophila gene 'mothers against decapentaplegic' (Mad) and the C. elegans gene Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481