

Anti-Phospho-Smad1 (Ser463/Ser465) Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R013238

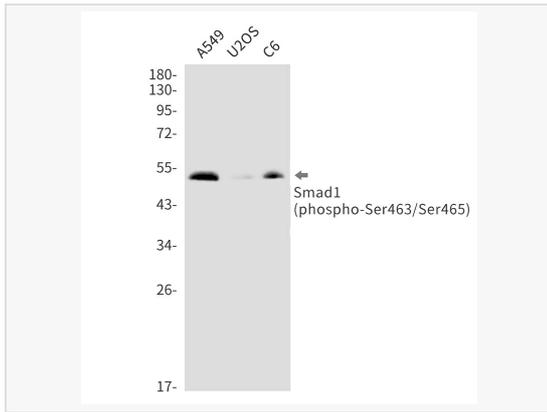
Product Information

Application	WB, IP, ELISA
Reactivity	Human, Rat
Dilution	WB 1:500~1:1,000; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	64K16K45
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser463/Ser465 of human Smad1
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-Phospho-Smad1 (Ser463/Ser465) antibody [64K16K45] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	SMAD1, BSP1, MADH1, MADR1, Mothers against decapentaplegic homolog 1, MAD homolog 1, Mothers against DPP homolog 1, JV4-1, Mad-related protein 1, SMAD family member 1, SMAD 1, Smad1, hSMAD1, Transforming growth factor-beta-signaling protein.
Calculated MW	Calculated MW: 52 kDa; Observed MW: 52 kDa
Uniprot ID	Q15797
Gene ID	4086
Background	Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD1 is a receptor-regulated SMAD (R-SMAD). SMAD1/OAZ1/PSMB4 complex mediates the degradation of the CREBBP/EP300 repressor SNIP1. May act synergistically with SMAD4 and YY1 in bone morphogenetic protein (BMP)-mediated cardiac-specific gene expression.

Validation Images



Western blot analysis of Phospho-Smad1 (Ser463/Ser465) in A549, U2OS, C6 lysates using Phospho-Smad1 (Ser463/Ser465) antibody.