

Smad1 (Ab-187) Antibody

Catalog No: #33163

Package Size: #33163-1 50ul #33163-2 100ul

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Description

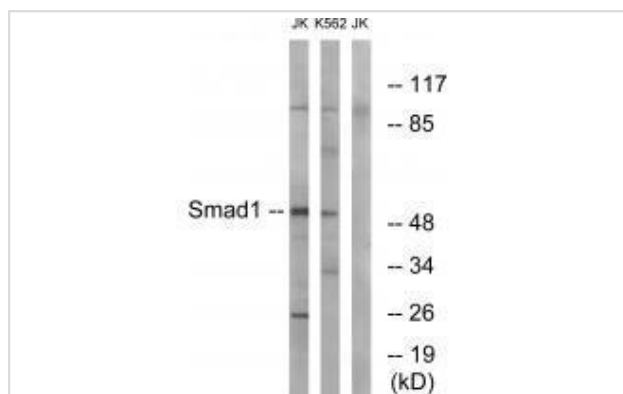
Product Name	Smad1 (Ab-187) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total Smad1 protein
Immunogen Type	Peptide
Immunogen Description	Synthesized non-phosphopeptide derived from human Smad1 around the phosphorylation site of serine 187 (P-H-S(p)-P-N).
Target Name	Smad1
Other Names	BSP-1; BSP1; Dwarf1-A; Dwf-A; JV4-1
Accession No.	Swiss-Prot: Q15797NCBI Gene ID: 4086
Uniprot	Q15797
GeneID	4086;
SDS-PAGE MW	60kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

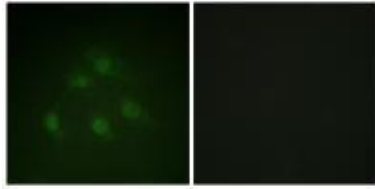
Immunofluorescence: 1:100~1:500

Images



Western blot analysis of extracts from JK and K562 cells, using Smad1 (Ab-187) antibody #33163.

Immunofluorescence analysis of HeLa cells, using Smad1 (Ab-187) antibody #33163.



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.

Riggins G.J., Nat. Genet. 13:347-349(1996).

Liu F., Nature 381:620-623(1996).

Hoodless P.A., Cell 85:489-500(1996)

Note: This product is for in vitro research use only