Datasheet for ABIN4953422

Recombinant anti-SMAD4 antibody (C-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	SMAD4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This SMAD4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A peptide corresponding to the C-terminus of human SMAD4 was used as the immunogen for this recombinant SMAD4 antibody.
Clone:	RM277
Isotype:	IgG
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat
Characteristics:	This recombinant SMAD4 antibody reacts to human SMAD4 and may also react to mouse or rat Smad4, as predicted by immunogen homology.
Purification:	Protein A purified from animal origin-free supernatant

Target Details

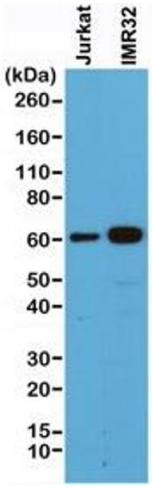
Target:	SMAD4
Alternative Name:	SMAD4 (SMAD4 Products)
Background:	This recombinant SMAD4 antibody reacts to human SMAD4 and may also react to mouse or rat Smad4, as predicted by immunogen homology.
Gene ID:	4089
UniProt:	Q13485
Pathways:	Cell Division Cycle, Chromatin Binding, Autophagy

Application Details

Application Notes:	The stated application concentrations are suggested starting points. Titration of the recombinant SMAD4 antibody may be required due to differences in protocols and secondary/substrate sensitivity. 1. A pH 6 Citrate buffer or pH 9 Tris/EDTA buffer HIER step is recommended for testing of FFPE tissue sections.\. IHC (FFPE): 1:1000-1:2000 (1),Western Blot: 1:500-1:1000
Restrictions:	For Research Use only

Handling

Buffer:	Antibody in PBS with 50 % glycerol, 1 % BSA and 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store the recombinant SMAD4 antibody at -20°C (with glycerol) or aliquot and store at -20°C (without glycerol).



Western Blotting

Image 1. Western blot of human Jurkat and IMR32 cell lysate using recombinant SMAD4 antibody at 1:500. Predicted molecular weight ~60 kDa.