SMAD4 Recombinant Monoclonal Antibody [BLR133J]

Rabbit Recombinant Monoclonal

Purified

Protein ID	NP_005350.1		
Catalog No.	A700-133-T	GeneID	4089
Lot No.	A700-133-T-1		

APPLICATIONS	WB, IP, IHC, ICC, F
SPECIES REACTIVITY	Human, Mouse
AMOUNT	20 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide
ISOTYPE	IgG
CLONE #	BLR133J
ORIGIN	USA
PRODUCTION PROCEDURES	Recombinant antibody was purified from cell culture supernatant. Immunogen was a peptide representing a region between residue 1 and 50 of human mothers against decapentaplegic homolog 4 (SMAD4) using the numbering given in entry NP_005350.1 (Gene ID 4089).
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot	1:1,000
Immunoprecipitation	6 µl/1 mg lysate
Immunohistochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Immunocytochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.
Flow Cytometry	Fixed in 4% formaldehyde and permeabilized with 90% methanol. 0.25 µl per 1 x 10^6 cells.

IHC HUMAN CONTROLS	Lung Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, Jurkat Cells, MDA-MB-231 Cells, NCI-H226 Cells, OVCAR-8 Cells, RPMI-8226 Cells
ADDITIONAL INFO	Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD

Date: September 21, 2021

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