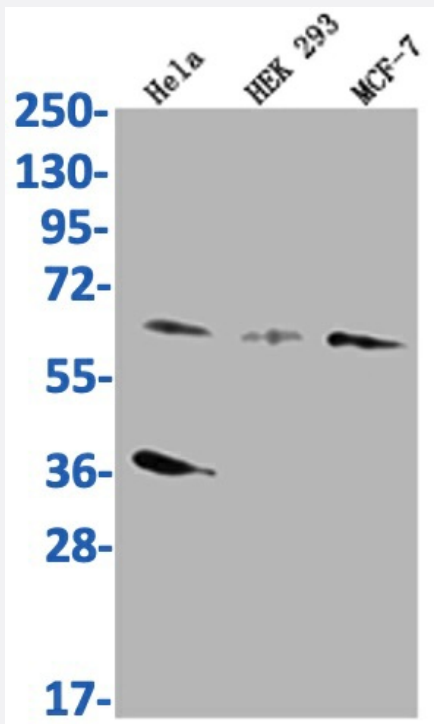


RecomAb™

SMAD4 recombinant monoclonal antibody, clone 22H12

Catalog # RAB07594 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: HeLa whole cell lysate; Lane 2: HEK 293 whole cell lysate; Lane3: MCF-7 whole cell lysate.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human SMAD4.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human SMAD4.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography purification

Isotype	IgG
Recommend Usage	ELISA Western Blot(1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of Lane 1: Hela whole cell lysate; Lane 2: HEK 293 whole cell lysate; Lane3: MCF-7 whole cell lysate.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — SMAD4

Entrez GeneID	4089
Protein Accession#	Q13485
Gene Name	SMAD4
Gene Alias	DPC4, JIP, MADH4
Gene Description	SMAD family member 4
Omim ID	174900 175050 600993
Gene Ontology	Hyperlink
Gene Summary	mothers against decapentaplegic homolog 4 OTTHUMP00000163548 SMAD
Other Designations	MAD, mothers against decapentaplegic homolog 4 OTTHUMP00000163548 SMAD, mothers against DPP homolog 4 deleted in pancreatic carcinoma locus 4 mothers against decapentaplegic homolog 4 mothers against decapentaplegic, Drosophila, homolog of, 4

Pathway

- [Adherens junction](#)
- [Cell cycle](#)
- [Chronic myeloid leukemia](#)
- [Colorectal cancer](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [TGF-beta signaling pathway](#)
- [Wnt signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Adenomatous Polyposis Coli](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chromosome Deletion](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Models](#)
- [Edema](#)

- [Gastrointestinal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hemochromatosis](#)
- [Hypertension](#)
- [Intestinal Polyposis](#)
- [Intestinal Polyps](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Microsatellite Instability](#)
- [Neoplasms](#)
- [Neoplastic Syndromes](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Peutz-Jeghers Syndrome](#)
- [Polycystic Ovary Syndrome](#)
- [Polyps](#)
- [Precancerous Conditions](#)
- [Puberty](#)
- [Stomach Neoplasms](#)
- [Telangiectasia](#)
- [Testicular Neoplasms](#)
- [Thrombophilia](#)

- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)