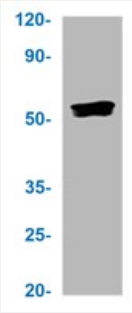
RecomAb™ Sm Size

SMAD5 (phospho S463/S465) recombinant monoclonal antibody, clone 3A9

Catalog # RAB08082 Size 50 uL

Applications



Western Blot

Western blot analysis of Hela whole cell lysate with SMAD5 (phospho S463/S465) recombinant monoclonal antibody.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human SMAD5.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic phosphopeptide corresponding to residues surrounding S463/S465 of human SMAD5.
Theoretical MW (kDa)	Calculated MW: 52 kD
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity chromatography
Isotype	IgG

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Recommend Usage	ELISA Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
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 shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot

Western blot analysis of Hela whole cell lysate with SMAD5 (phospho S463/S465) recombinant monoclonal antibody.

Gene Info — SMAD5

Entrez GeneID	4090
Protein Accession#	Q99717
Gene Name	SMAD5
Gene Alias	DKFZp781C1895, DKFZp781O1323, Dwfc, JV5-1, MADH5
Gene Description	SMAD family member 5
Omim ID	603110
Gene Ontology	Hyperlink
Gene Summary	mothers against decapentaplegic homolog 5|SMA- and MAD-related protein 5|SMAD
Other Designations	MAD homolog 5|MAD, mothers against decapentaplegic homolog 5|SMA- and MAD-related prot ein 5|SMAD, mothers against DPP homolog 5|mothers against decapentaplegic homolog 5|moth ers against decapentaplegic, drosophila, homolog of, 5

Pathway

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- TGF-beta signaling pathway

Disease

- Diabetes Mellitus
- Diabetic Nephropathies
- Genetic Predisposition to Disease
- Hemochromatosis
- Hypertension
- Kidney Failure
- Obesity
- Ovarian Failure
- Polycystic Ovary Syndrome
- Puberty
- Thrombophilia
- Tobacco Use Disorder

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