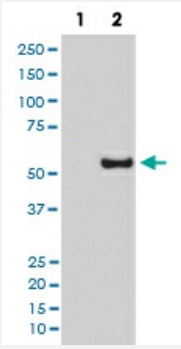
SMAD5 (phospho S463/S465) monoclonal antibody, clone HAF-19

Catalog # MAB20576 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of (1) HeLa cell lysate, (2) HeLa cell treated with BMP-4 lysate using SMAD5 (phospho S463/S465) monoclonal antibody, clone HAF-19.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human SMAD5.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding of human SMAD5.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.4-0.5 mg/mL BSA, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunofluorescence
- Immunocytochemistry
- Western Blot (Cell lysate)

  Western Blot analysis of (1) HeLa cell lysate, (2) HeLa cell treated with BMP-4 lysate using SMAD5 (phospho S463/S465) monoclonal antibody, clone HAF-19.

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 protein 5|SMAD, mothers against DPP homolog 5|mothers against decapentaplegic homolog 5|mothers against decapentaplegic, drosophila, homolog of, 5

Pathway

- TGF-beta signaling pathway

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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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