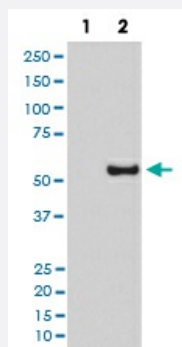


SMAD5 (phospho S463/S465) monoclonal antibody, clone HAF-19

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 stored frozen at -20°C for a longer time. 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 (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.

- Immunocytochemistry

- Immunofluorescence

Gene Info — SMAD5

Entrez GeneID	4090
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Protein Accession#	Q99717
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Gene Name	SMAD5
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Gene Alias	DKFZp781C1895, DKFZp781O1323, Dwfc, JV5-1, MADH5
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Gene Description	SMAD family member 5
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Omim ID	603110
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Gene Ontology	Hyperlink
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Gene Summary	mothers against decapentaplegic homolog 5 SMA- and MAD-related protein 5 SMAD
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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
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Pathway

- [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](#)