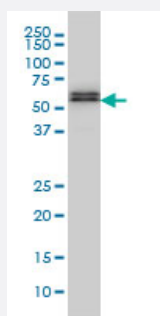


SMAD5 monoclonal antibody (M01), clone 2D7

Catalog # H00004090-M01

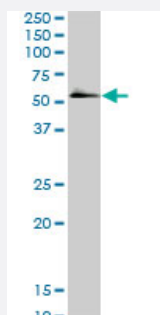
Size 100 ug

Applications



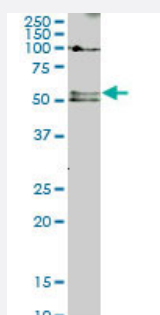
Western Blot (Cell lysate)

SMAD5 monoclonal antibody (M01), clone 2D7 Western Blot analysis of SMAD5 expression in HeLa S3 NE (Cat # L013V3).



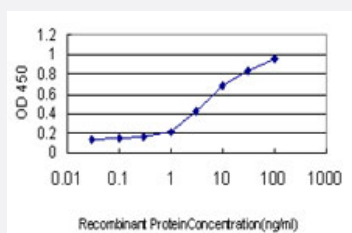
Western Blot (Cell lysate)

SMAD5 monoclonal antibody (M01), clone 2D7. Western Blot analysis of SMAD5 expression in K-562 (Cat # L009V1).



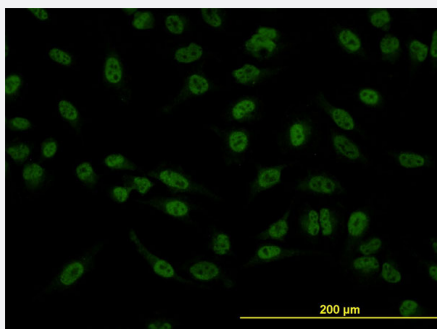
Western Blot (Cell lysate)

SMAD5 monoclonal antibody (M01), clone 2D7. Western Blot analysis of SMAD5 expression in Jurkat (Cat # L017V1).



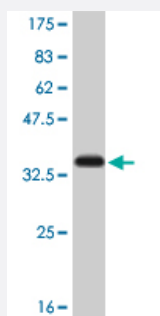
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SMAD5 is approximately 0.1ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to SMAD5 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (34.21 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SMAD5.
Immunogen	SMAD5 (AAH09682, 105 a.a. ~ 182 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KPLDICEFPFGSKQKEVCINPYHYKRVESPVLPVLPVRHNEFNPQHSLLVQFRNLSHNEPHMPQ NATFPDSFHQPNN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (99)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.21 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

SMAD5 monoclonal antibody (M01), clone 2D7 Western Blot analysis of SMAD5 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Cell lysate)

SMAD5 monoclonal antibody (M01), clone 2D7. Western Blot analysis of SMAD5 expression in K-562 (Cat # L009V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

SMAD5 monoclonal antibody (M01), clone 2D7. Western Blot analysis of SMAD5 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SMAD5 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to SMAD5 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — SMAD5

Entrez GeneID [4090](#)

GeneBank Accession# [BC009682](#)

Protein Accession# [AAH09682](#)

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](#)

Disease

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