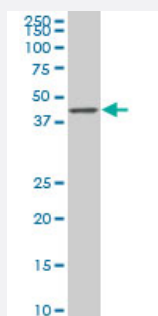


SMAD7 monoclonal antibody (M06), clone 4E1

Catalog # H00004092-M06

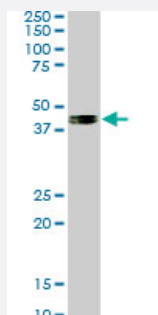
Size 100 ug

Applications



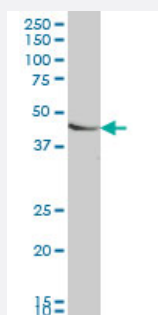
Western Blot (Tissue lysate)

SMAD7 monoclonal antibody (M06), clone 4E1. Western Blot analysis of SMAD7 expression in human placenta.



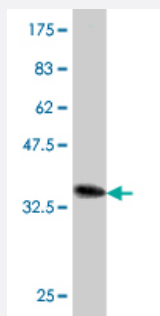
Western Blot (Cell lysate)

SMAD7 monoclonal antibody (M06), clone 4E1. Western Blot analysis of SMAD7 expression in U-2 OS (Cat # L022V1).



Western Blot (Cell lysate)

SMAD7 monoclonal antibody (M06), clone 4E1 Western Blot analysis of SMAD7 expression in HeLa (Cat # L013V1).



Western Blot detection against Immunogen (36.85 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SMAD7.
Immunogen	SMAD7 (NP_005895, 160 a.a. ~ 260 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	CKVFRWPDLRHSSEVKRLCCCESYGKINPELVCCNPHHLSRLCELESPPPPYSRYPMDFLKPTA DCPDVAPSSAETGGTNYLAPGGLSDSQLLEPGDRSH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.85 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 (Tissue lysate)

SMAD7 monoclonal antibody (M06), clone 4E1. Western Blot analysis of SMAD7 expression in human placenta.

[Protocol Download](#)

- Western Blot (Cell lysate)

SMAD7 monoclonal antibody (M06), clone 4E1. Western Blot analysis of SMAD7 expression in U-2 OS (Cat # L022V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

SMAD7 monoclonal antibody (M06), clone 4E1 Western Blot analysis of SMAD7 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SMAD7

Entrez GeneID [4092](#)

GeneBank Accession# [NM_005904](#)

Protein Accession# [NP_005895](#)

Gene Name SMAD7

Gene Alias CRCS3, FLJ16482, MADH7, MADH8

Gene Description SMAD family member 7

Omim ID [114500 602932](#)

Gene Ontology [Hyperlink](#)

Gene Summary Drosophila) homolog 7|MAD

Other Designations MAD (mothers against decapentaplegic, Drosophila) homolog 7|MAD, mothers against decapentaplegic homolog 7|Mothers against decapentaplegic, drosophila, homolog of, 7|SMAD, mothers against DPP homolog 7

Pathway

- [TGF-beta signaling pathway](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Keloid](#)
- [Kidney Neoplasms](#)
- [Leukemia](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Uterine Cervical Neoplasms](#)