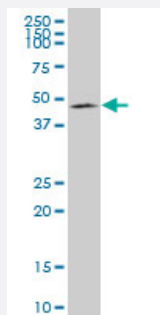


SMAD7 monoclonal antibody (M13), clone 4C12

Catalog # H00004092-M13

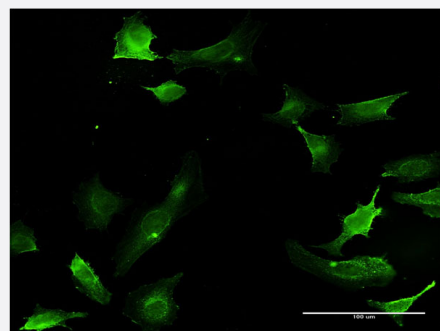
Size 100 ug

Applications



Western Blot (Tissue lysate)

SMAD7 monoclonal antibody (M13), clone 4C12. Western Blot analysis of SMAD7 expression in human placenta.



Immunofluorescence

Immunofluorescence of monoclonal antibody to SMAD7 on HeLa cell .
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant SMAD7.
Immunogen	SMAD7 (NP_005895, 302 a.a. ~ 400 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NSDNKSQLVQKVRSKIGCGIQLTREVDGVVWYNRSSYPIFIKSATLDNPDSRTLLVHKVFPGFSSKA FDYEKAYSLQRPNDHEFMQQPWTGFTVQISFV
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (100); Rat (100)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
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 (M13), clone 4C12. Western Blot analysis of SMAD7 expression in human placenta.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to SMAD7 on HeLa cell . [antibody concentration 10 ug/ml]

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](#)