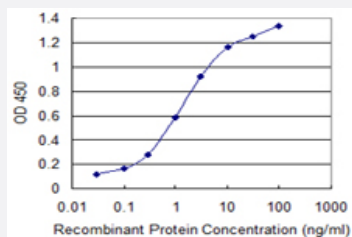


SMAD7 monoclonal antibody (M10), clone 4C11

Catalog # H00004092-M10

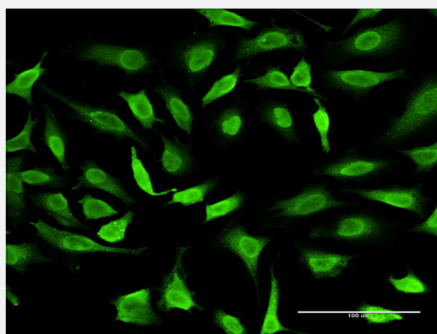
Size 100 ug

Applications



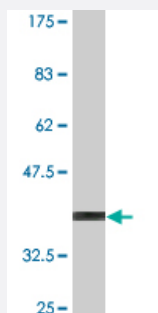
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SMAD7 is 0.03 ng/ml as a capture antibody.



Immunofluorescence

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



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	CKVFRWPDLRHSSEVKRLCCCESYGKINPELVCCNP HHLSRLCELESPPPPYSRYPMDFLKPTA DCPD AVPSSAETGGTNYLAPGGLSDSQLLLEPGDRSH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG2b 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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SMAD7 is 0.03 ng/ml as a capture antibody.

[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](#)