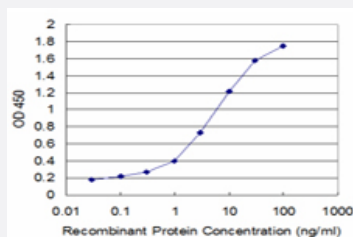


SMAD7 monoclonal antibody (M03), clone 3E9

Catalog # H00004092-M03

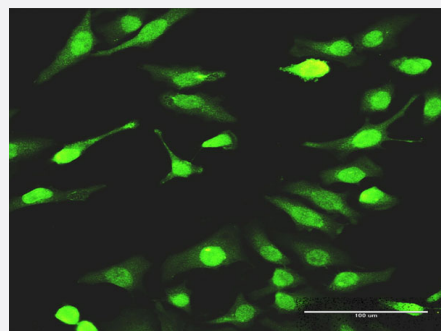
Size 100 ug

Applications



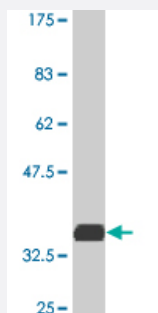
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SMAD7 is approximately 0.1ng/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	CKVFRWPDLRHSSEVKRLCCCESYGKINPELVCCNPHHLSRLCELESPPPPYSRYPMDFLKPTA DCPDVAPSSAETGGTNYLAPGGLSDSQLLLEPGDRSH
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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SMAD7 is approximately 0.1ng/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](#)