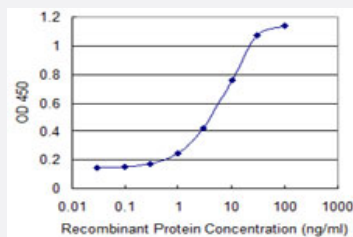


SMO monoclonal antibody (M31), clone 3E5

Catalog # H00006608-M31

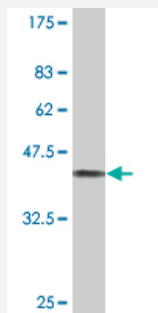
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SMO is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (40.37 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant SMO.

Immunogen

SMO (NP_005622.1, 653 a.a. ~ 787 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

NLWLVEAEISPELQKRLGRKKKRRKRKKEVCPLAPPELHPPAPAPSTIPRLPQLPRQKCLVAAG
AWGAGDSCRQGAWTLVSNPFCPEPSPPQDPFLPSAPAPVAWAHGRQGLGPIHSRTNLMDE
LMDADSDF

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (81); Rat (81)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (40.37 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 SMO is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SMO

Entrez GeneID	6608
GeneBank Accession#	NM_005631
Protein Accession#	NP_005622.1
Gene Name	SMO
Gene Alias	Gx, SMOH
Gene Description	smoothened homolog (Drosophila)
Omim ID	601500
Gene Ontology	Hyperlink
Other Designations	seven transmembrane helix receptor smoothened

Pathway

- [Basal cell carcinoma](#)
- [Hedgehog signaling pathway](#)
- [Pathways in cancer](#)

Disease

- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Thyroid Neoplasms](#)
- [Urinary Bladder Neoplasms](#)