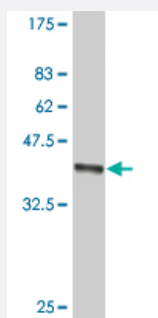


SMO monoclonal antibody (M16), clone 4E9

Catalog # H00006608-M16

Size 100 ug

Applications



Western Blot detection against Immunogen (40.37 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant SMO.
Immunogen	SMO (NP_005622.1, 653 a.a. ~ 787 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NLWLVEAEISPELQKRLGRKKKRRKRKKEVCPLAPPELHPPAPAPSTIPRLPQLPRQKCLVAAG AWGAGDSCRQGAWTLVSNPFCPEPSPPQDPFLPSAPAPVAWAHGRRQGLGPIHSRTNLMDE 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](#)

- ELISA

Gene Info — SMO

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