

SMPD2 monoclonal antibody (M09), clone 4A10

Catalog # H00006610-M09

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant SMPD2.
Immunogen	SMPD2 (AAH00038.1, 1 a.a. ~ 423 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MKPNFSLRLRIFNLNCWGIPYLSKHRADRMRLGDFLNQESFDLALLEEVWSEQDFQYLRQKLSP TYPAAHHFRSGIIGSGLCVFSKHPIQELTQHIYTLNGYPYMIHHGDWFGKAVGLLVLHLSGMVLNA YVTHLHAEYNRQKDIYLAHRVAQAWELAQFIHHTSKKADVLLCGDLNMHPEDLGCCLLKEWTGL HDAYLETRDFKGSEEGNTMVPKNCYVSQQELKPFPGVRIYVLYKAVSGFYISCKSFETTTGFD PHSGTPLSDHEALMATLFVRHSPPPQQNPSSSTHGPAERSPLMCVLKEAWTELGLGMAQARWWA TFASYVIGLGLLLLALLCVLAAGGGAGEAAILLWTPSVGLVLWAGAFYLFHVQEVNGLYRAQAEQ HVLGRAREAQDLGPEPQPALLLGQQEGDRTKEQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (77); Rat (79)
Isotype	IgG1 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

- ELISA

Gene Info — SMPD2

Entrez GeneID	6610
GeneBank Accession#	BC000038
Protein Accession#	AAH00038.1
Gene Name	SMPD2
Gene Alias	NSMASE, NSMASE1
Gene Description	sphingomyelin phosphodiesterase 2, neutral membrane (neutral sphingomyelinase)
Omim ID	603498
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTHUMP00000040472

Pathway

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- [Sphingolipid metabolism](#)

Disease

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- [Diabetes Mellitus](#)
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