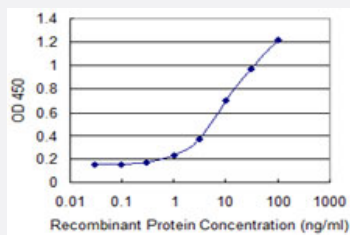


SAMD4A monoclonal antibody (M06), clone 1A4

Catalog # H00023034-M06

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SAMD4A is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SAMD4A.
Immunogen	SAMD4A (NP_056404.2, 161 a.a. ~ 270 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NRGRSDSVDYGQTHYYHQRQNSDDKLNQWQNSRDSGICINASNWQDKSMGCENGHVPLYSSSS VPTTINTIGTSTSTILSGQAHHSPLKRSVSLTPPMNVPNQPLGHGWM
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (96); Rat (94)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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 SAMD4A is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SAMD4A

Entrez GeneID	23034
GeneBank Accession#	NM_015589
Protein Accession#	NP_056404.2
Gene Name	SAMD4A
Gene Alias	DKFZp434H0350, KIAA1053, SAMD4, SMG, SMGA, Smaug, Smaug1
Gene Description	sterile alpha motif domain containing 4A
Omim ID	610747
Gene Ontology	Hyperlink

Gene Summary

Sterile alpha motifs (SAMs) in proteins such as SAMD4A are part of an RNA-binding domain that functions as a posttranscriptional regulator by binding to an RNA sequence motif known as the Smaug recognition element, which was named after the Drosophila Smaug protein (Baez and Boccaccio, 2005 [PubMed 16221671]).[supplied by OMIM]

Other Designations

smaug homolog|sterile alpha motif domain containing 4

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)