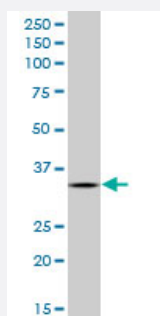


SCYE1 monoclonal antibody (M05), clone 3H5

Catalog # H00009255-M05

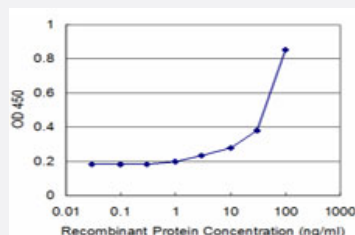
Size 100 ug

Applications



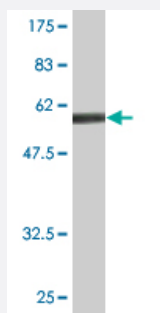
Western Blot (Cell lysate)

SCYE1 monoclonal antibody (M05), clone 3H5. Western Blot analysis of SCYE1 expression in Jurkat (Cat # L017V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SCYE1 is approximately 3ng/ml as a capture antibody.



Western Blot detection against Immunogen (60.06 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant SCYE1.

Immunogen	SCYE1 (AAH14051, 1 a.a. ~ 312 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MANNDAVLKRLEQKGAEADQII EYLKQQVSLLEKAILQATLREEKKLRVENAKLKEIEELKQELI QAEIQNGVKQIPFPGTPLHANSMVSENVIQSTAVTTVSSGTKEQIKGGTGDEKKAKEKIEKKGEK KEKKQQSIAGSADSKPIDVSRDLRIGCIITARKHPDADSLYEEVDVGEIAPRTVVSGLVNHVPLE QMQRNMVILLCNLKPAKMRGVL SQAMVMCASSPEKIEILAPPNGSVPGDRITFDAFPGEPAKELN PKKKIWEQIQPDLTNDCEVATYKGVPFVKGKGVCRATMSNSGIK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (86)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (60.06 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 (Cell lysate)

SCYE1 monoclonal antibody (M05), clone 3H5. Western Blot analysis of SCYE1 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SCYE1 is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SCYE1

Entrez GeneID	9255
GeneBank Accession#	BC014051
Protein Accession#	AAH14051
Gene Name	SCYE1
Gene Alias	AIMP1, EMAP2, EMAPII, p43
Gene Description	small inducible cytokine subfamily E, member 1 (endothelial monocyte-activating)
Omim ID	603605
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine that is specifically induced by apoptosis, and it is involved in the control of angiogenesis, inflammation, and wound healing. The release of this cytokine renders the tumor-associated vasculature sensitive to tumor necrosis factor. The precursor protein is identical to the p43 subunit, which is associated with the multi-tRNA synthetase complex, and it modulates aminoacylation activity of tRNA synthetase in normal cells. This protein is also involved in the stimulation of inflammatory responses after proteolytic cleavage in tumor cells. Multiple transcript variants encoding different isoforms have been found for this gene. A pseudogene has been identified on chromosome 20. [provided by RefSeq]
Other Designations	ARS-interacting multifunctional protein 1 OTTHUMP00000161878 endothelial monocyte-activating polypeptide 2 endothelial-monocyte activating polypeptide II multisynthetase complex auxiliary component p43 small inducible cytokine subfamily E, member 1

Disease

- [Alcoholism](#)
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