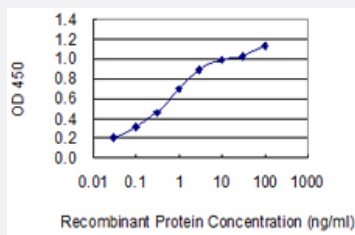


ARHGEF18 monoclonal antibody (M01), clone 8H6

Catalog # H00023370-M01

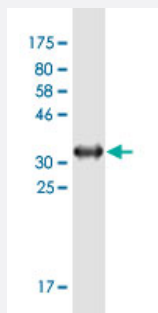
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ARHGEF18 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.8 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant ARHGEF18.
Immunogen	ARHGEF18 (AAH08016.1, 1 a.a. ~ 89 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSQGMQRMHLETLLQVVDKWPLCGPLACSELLQLTVRSLEGWRKEVLGSIKGAGTSQGGEIHPRSSSGGERAHVKPCSAPQALVVGLGPG
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (33); Rat (42)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.8 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 ARHGEF18 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ARHGEF18

Entrez GeneID	23370
GeneBank Accession#	BC008016.1
Protein Accession#	AAH08016.1
Gene Name	ARHGEF18
Gene Alias	KIAA0521, MGC15913, P114-RhoGEF
Gene Description	rho/rac guanine nucleotide exchange factor (GEF) 18
Gene Ontology	Hyperlink

Gene Summary

Rho GTPases are GTP binding proteins that regulate a wide spectrum of cellular functions. These cellular processes include cytoskeletal rearrangements, gene transcription, cell growth and motility. Activation of Rho GTPases is under the direct control of guanine nucleotide exchange factors (GEFs). The protein encoded by this gene is a guanine nucleotide exchange factor and belongs to the Rho GTPase GEF family. Family members share a common feature, a Dbl (DH) homology domain followed by a pleckstrin (PH) homology domain. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Other Designations

P114-RHO-GEF|Rho-specific guanine nucleotide exchange factor p114