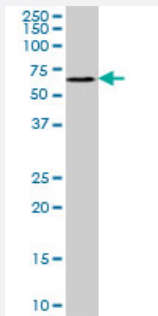


RAPGEF5 monoclonal antibody (M09), clone 2E4

Catalog # H00009771-M09

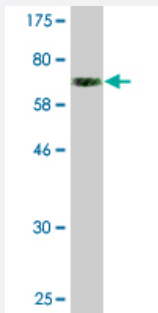
Size 100 ug

Applications



Western Blot (Cell lysate)

RAPGEF5 monoclonal antibody (M09), clone 2E4. Western Blot analysis of RAPGEF5 expression in HeLa S3 NE (Cat # L013V3).



Western Blot detection against Immunogen (74.58 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant RAPGEF5.
Immunogen	RAPGEF5 (AAH39203, 1 a.a. ~ 444 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGSSRLRVFDPHLERKDSAAALSDRELPLPTFDVPYFKYIDEEDEDEWSSRSQSSTEDDSVD SLLSDRYVVVSGTPEKILEHLLNDLHLEEVQDKETETLLDDFLLTYTFVMTDDLCQALLRHYSACK YQGKEENSVDVPRRKRKVLHLVSQWIALYKDWLPEDEHKMFLLKTYRNVLDVVEYPILEKELKEF QKILGMHRRHTVDEYSPQKKNKALFHQFSLKENWLQHRGTVTETEEIFCHVYTEHSYVSVKAKVS SIAQEILLCSQLGKRVQLVKKFIKAAHCKAQRNLNSFFAIVMGLNTASVSRLSQTWEKIPGKFRKLF SELESITDPSLNHKAAYRDAFKKMKPPKIPFVPLLLKDVTFIHEGNKTFLDNLVNFELKLMIADTVRT LRHCRTNQFGDLSPKEHQELKSYVNHLYVIDSQQALFELSHRIEPRV

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (74.58 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)

RAPGEF5 monoclonal antibody (M09), clone 2E4. Western Blot analysis of RAPGEF5 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RAPGEF5

Entrez GeneID	9771
GeneBank Accession#	BC039203
Protein Accession#	AAH39203
Gene Name	RAPGEF5
Gene Alias	GFR, KIAA0277, MR-GEF, REPAC
Gene Description	Rap guanine nucleotide exchange factor (GEF) 5
Omim ID	609527

Gene Ontology

[Hyperlink](#)

Gene Summary

Members of the RAS (see HRAS; MIM 190020) subfamily of GTPases function in signal transduction as GTP/GDP-regulated switches that cycle between inactive GDP- and active GTP-bound states. Guanine nucleotide exchange factors (GEFs), such as RAPGEF5, serve as RAS activators by promoting acquisition of GTP to maintain the active GTP-bound state and are the key link between cell surface receptors and RAS activation (Rebhun et al., 2000 [PubMed 10934204]).[supplied by OMIM]

Other Designations

M-Ras-regulated GEF|guanine nucleotide exchange factor for Rap1

Disease

- [Tobacco Use Disorder](#)