

Product datasheet for **CF809437**

RhoGAP (ARHGAP5) Mouse Monoclonal Antibody [Clone ID: OTI9H2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI9H2
Applications:	WB
Recommended Dilution:	WB 1:500~2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 948-1261 of human ARHGAP5 (NP_001164) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	Rho GTPase activating protein 5
Database Link:	NP_001164 Entrez Gene 11855 Mouse Entrez Gene 299012 Rat Entrez Gene 394 Human Q13017
Background:	Rho GTPase activating protein 5 negatively regulates RHO GTPases, a family which may mediate cytoskeleton changes by stimulating the hydrolysis of bound GTP. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

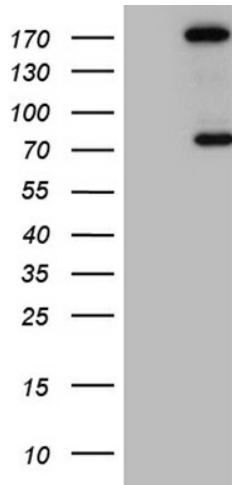


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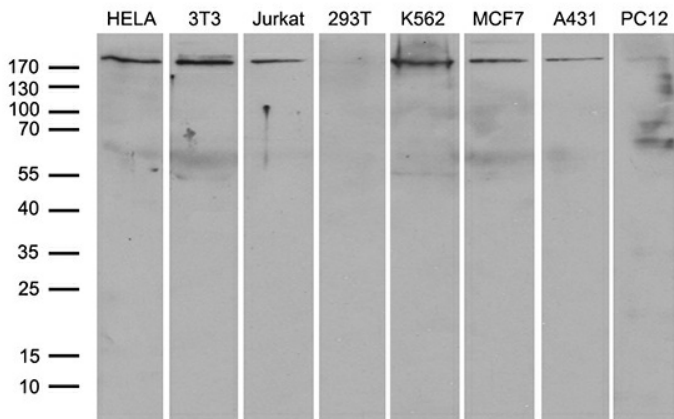
Synonyms: GFI2; p190-B; p190BRhoGAP; RhoGAP5

Protein Pathways: Focal adhesion, Leukocyte transendothelial migration

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY ARHGAP5 (Cat# [RC217203], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ARHGAP5 (Cat# [TA809437])(1:2000).



Western blot analysis of extracts (35ug) from 8 different cell lines by using anti-ARHGAP5 monoclonal antibody (1:500).