

Product datasheet for **TA501748M**

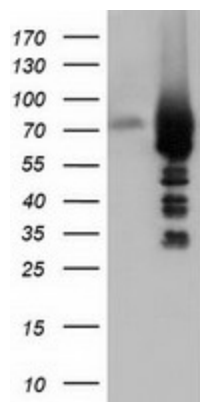
ARHGAP25 Mouse Monoclonal Antibody [Clone ID: OTI4A9]

Product data:

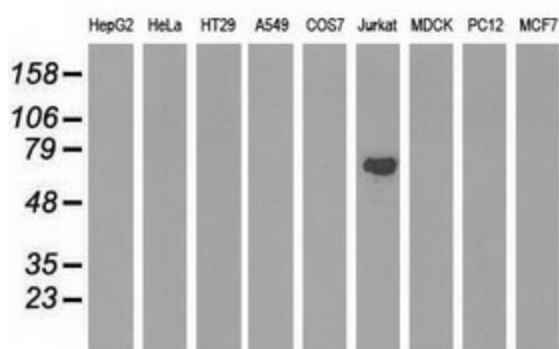
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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI4A9 |
| Applications: | FC, IHC, WB |
| Recommended Dilution: | WB 1:500~2000, IHC 1:150, FLOW 1:100 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human ARHGAP25 (NP_055697) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 0.23 mg/ml |
| 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. |
| Predicted Protein Size: | 72.3 kDa |
| Gene Name: | Rho GTPase activating protein 25 |
| Database Link: | NP_055697 Entrez Gene 232201 Mouse Entrez Gene 500246 Rat Entrez Gene 9938 Human P42331 |
| Background: | ARHGAPs, such as ARHGAP25, encode negative regulators of Rho GTPases (see ARHA; MIM 165390), which are implicated in actin remodeling, cell polarity, and cell migration (Katoh and Katoh, 2004 [PubMed 15254788]). [supplied by OMIM] |
| Synonyms: | HEL-S-308; KAIA0053 |


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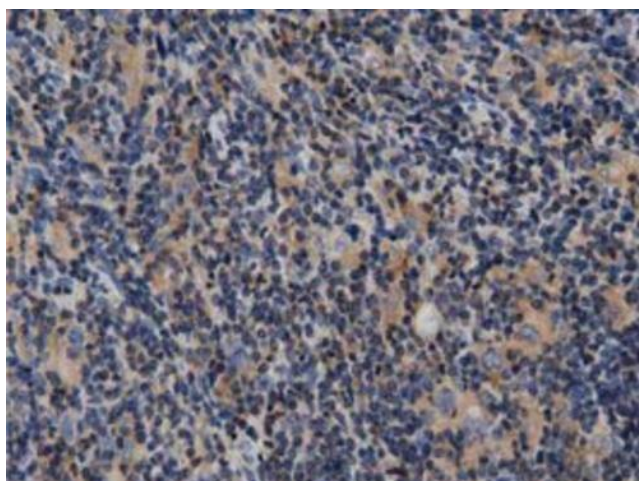
Product images:



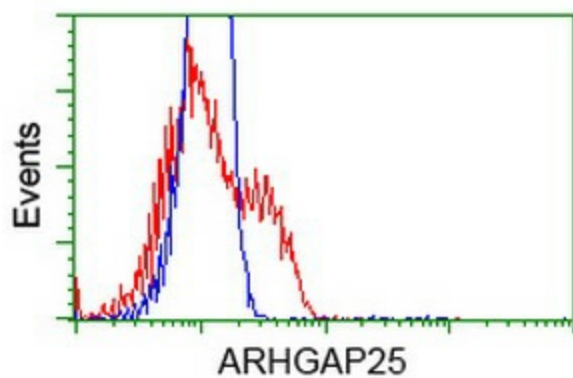
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ARHGAP25 ([RC217414], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ARHGAP25. Positive lysates [LY402385] (100ug) and [LC402385] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-ARHGAP25 monoclonal antibody.



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-ARHGAP25 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



HEK293T cells transfected with either [RC217414] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-ARHGAP25 antibody ([TA501748]), and then analyzed by flow cytometry.