

## Product datasheet for **TA501751**

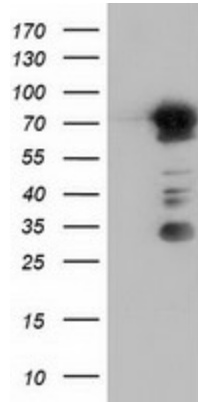
### ARHGAP25 Mouse Monoclonal Antibody [Clone ID: OTI11D3]

#### Product data:

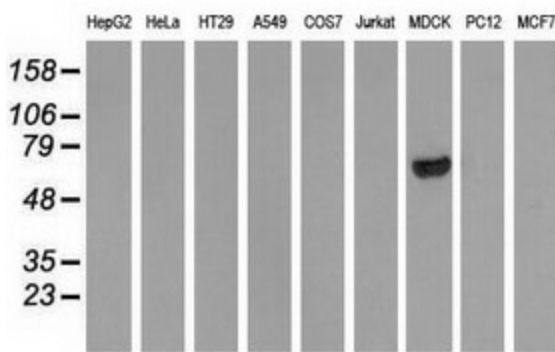
|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Clone Name:             | OTI11D3  |
| Applications:           | FC, IF, WB   |
| Recommended Dilution:   | WB 1:500~2000, IF 1:100, FLOW 1:100  |
| Reactivity:             | Human, Dog, Mouse, Rat   |
| Host:                   | Mouse  |
| Isotype:                | IgG2a  |
| 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:          | 1 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:          | <a href="#">NP_055697</a><br><a href="#">Entrez Gene 232201</a> <a href="#">MouseEntrez Gene 500246</a> <a href="#">RatEntrez Gene 481407</a> <a href="#">DogEntrez Gene 9938</a><br><a href="#">Human</a><br><a href="#">P42331</a>   |
| 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  |



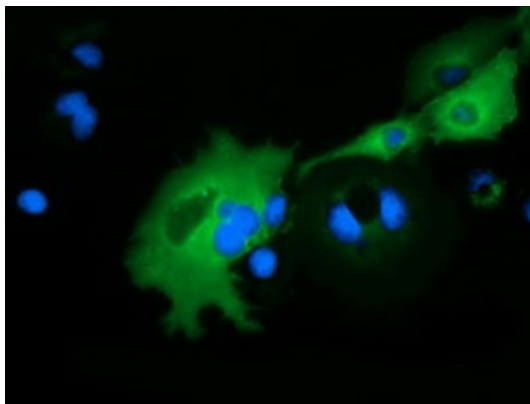
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**Product images:**


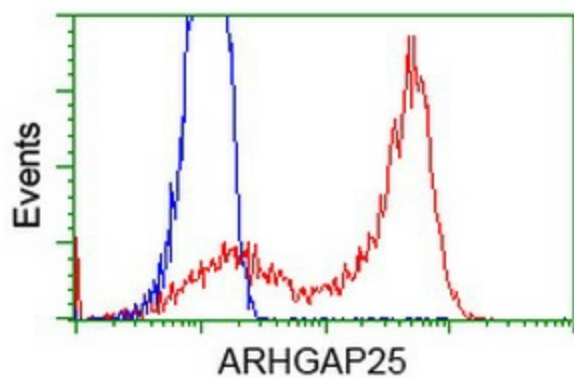
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ARHGAP25 ([RC217414], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ARHGAP25. Positive lysates [LY402385] (100ug) and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



Anti-ARHGAP25 mouse monoclonal antibody (TA501751) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ARHGAP25 ([RC217414]).



HEK293T cells transfected with either [RC217414] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-ARHGAP25 antibody (TA501751), and then analyzed by flow cytometry.