

## Product datasheet for **TA501751AM**

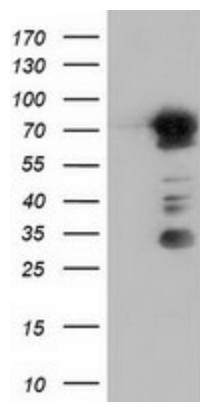
### **ARHGAP25 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI11D3]**

#### **Product data:**

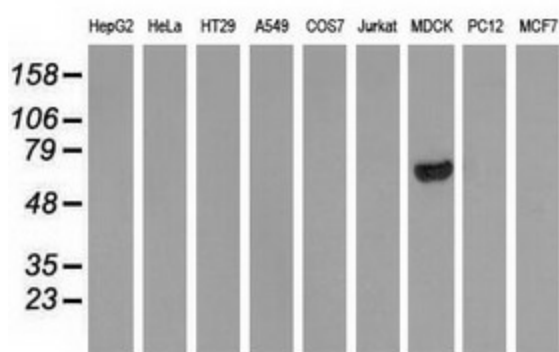
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI11D3
<b>Applications:</b>	FC, IF, WB
<b>Recommended Dilution:</b>	WB 1:500~2000, IF 1:100, FLOW 1:100
<b>Reactivity:</b>	Human, Dog, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human ARHGAP25 (NP_055697) produced in HEK293T cell.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	0.5 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Biotin
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	72.3 kDa
<b>Gene Name:</b>	Rho GTPase activating protein 25
<b>Database Link:</b>	<a href="#">NP_055697</a> <a href="#">Entrez Gene 232201</a> <a href="#">MouseEntrez Gene 500246</a> <a href="#">RatEntrez Gene 481407</a> <a href="#">DogEntrez Gene 9938</a> <a href="#">Human P42331</a>
<b>Background:</b>	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]
<b>Synonyms:</b>	HEL-S-308; KAIA0053



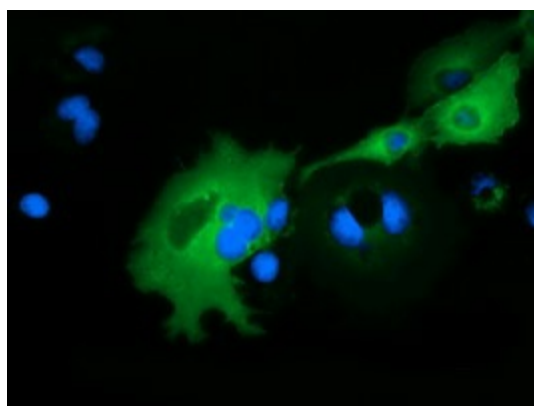
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**Product images:**


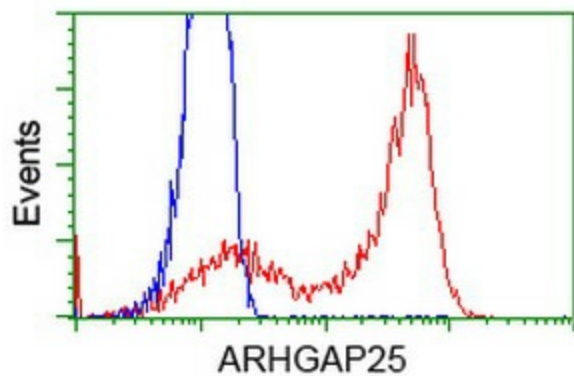
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ARHGAP25 ([RC217414], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ARHGAP25. Positive lysates [LY402385] (100ug) and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