

Product datasheet for **TA504204BM**

AGAP1 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI4E8]

Product data:

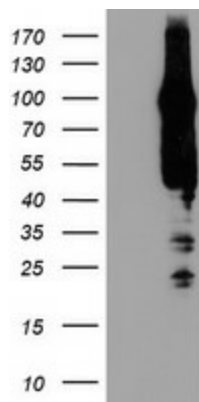
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|-----------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI4E8 |
| Applications: | FC, IHC, WB |
| Recommended Dilution: | WB 1:2000, IHC 1:150, FLOW 1:100 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human AGAP1(NP_055729) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol. |
| Concentration: | 0.5 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | HRP |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | ArfGAP with GTPase domain, ankyrin repeat and PH domain 1 |
| Database Link: | NP_055729 Entrez Gene 316611 Rat Entrez Gene 347722 Mouse Entrez Gene 116987 Human Q9UPQ3 |
| Background: | This gene encodes a member of an ADP-ribosylation factor GTPase-activating protein family involved in membrane trafficking and cytoskeleton dynamics. This gene functions as a direct regulator of the adaptor-related protein complex 3 on endosomes. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011] |
| Synonyms: | AGAP-1; CENTG2; cnt-g2; GGAP1 |



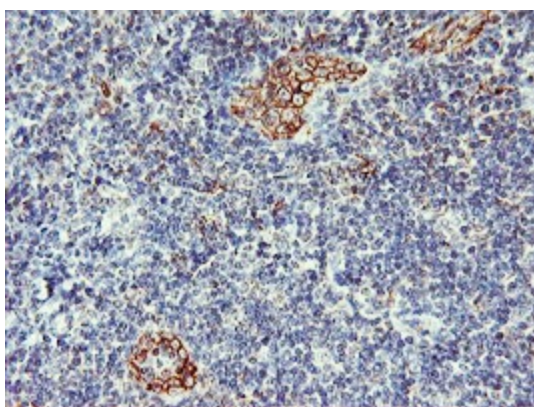
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Protein Pathways: Endocytosis

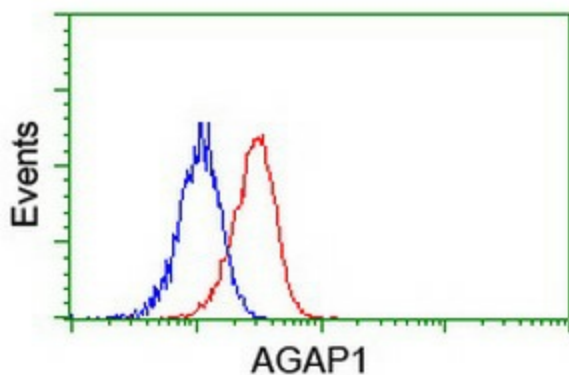
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY AGAP1 (Cat# [RC214836], 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-AGAP1 (Cat# [TA504204]). Positive lysates [LY402388] (100ug) and [LC402388] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-AGAP1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA504204])



Flow cytometric Analysis of Jurkat cells, using anti-AGAP1 antibody ([TA504204]), (Red), compared to a nonspecific negative control antibody, (Blue).