

Product datasheet for **TA504204AM**

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

Product data:

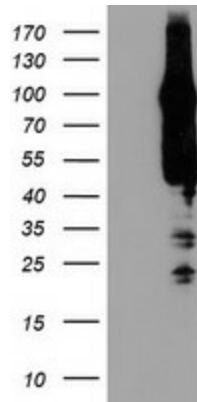
Product Type:	Primary Antibodies
Clone Name:	OTI4E8
Applications:	FC, IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human AGAP1(NP_055729) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
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



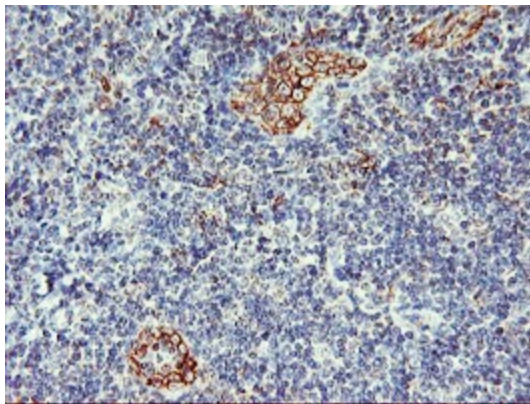
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Protein Pathways: Endocytosis

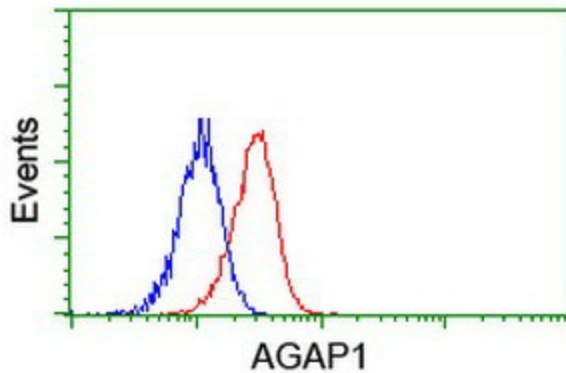
Product images:



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).