

## Product datasheet for TA500876AM

### OriGene Technologies, Inc.

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## **GRASP1 (GRIPAP1) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1E3]**

#### **Product data:**

**Product Type:** Primary Antibodies

Clone Name: OTI1E3

**Applications:** FC, IF, IHC, WB

**Recommended Dilution:** WB 1:1000, IHC 1:50, IF 1:100, Flow 1:100

Reactivity: Human, Mouse, Rat

Host: Mouse Isotype: IgG1

Clonality: Monoclonal

Immunogen: Full length human recombinant protein of human GRIPAP1 (NP\_064522) 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.

**Predicted Protein Size:** 96.0 kDa

**Gene Name:** GRIP1 associated protein 1

Database Link: NP 064522

Entrez Gene 54645 MouseEntrez Gene 116493 RatEntrez Gene 56850 Human

O4V328

**Background:** This gene encodes a guanine nucleotide exchange factor for the Ras family of small G

proteins (RasGEF). In brain studies, the encoded protein was found with the GRIP/AMPA receptor complex. Multiple alternatively spliced transcript variants have been described that encode different protein isoforms; however, the full-length nature and biological validity of all

of these variants have not been determined

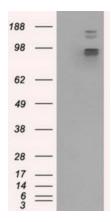


# GRASP1 (GRIPAP1) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1E3] – TA500876AM

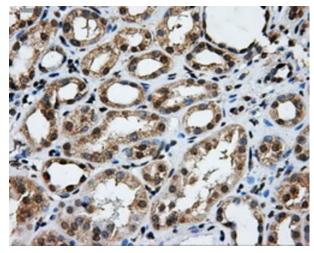
Synonyms: GRASP-1

**Protein Families:** Druggable Genome

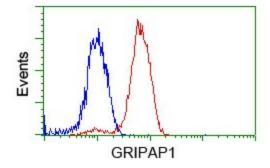
## **Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY GRIPAP1 (Cat# [RC210936], 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-GRIPAP1(Cat# [TA500876]). Positive lysates [LY402754] (100ug) and [LC402754] (20ug) can be purchased separately from OriGene.

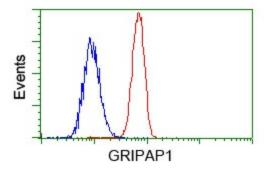


Immunohistochemical staining of paraffinembedded Kidney tissue within the normal limits using anti-GRIPAP1mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500876], Dilution 1:50)

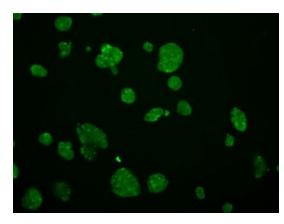


Flow cytometric analysis of Jurkat cells, using anti-GRIPAP1 antibody ([TA500876]), (Red) compared to a nonspecific negative control antibody (TA50011) (Blue).

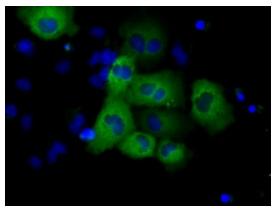




Flow cytometric analysis of Hela cells, using anti-GRIPAP1 antibody ([TA500876]), (Red) compared to a nonspecific negative control antibody (TA50011) (Blue).



Immunofluorescent staining of HepG2 cells using anti-GRIPAP1 mouse monoclonal antibody ([TA500876]).



Anti-GRIPAP1 mouse monoclonal antibody ([TA500876]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY GRIPAP1 ([RC210936]).