

Product datasheet for **TA501762BM**

PIK3AP1 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI7G9]

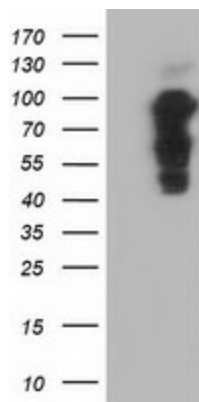
Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI7G9 |
| Applications: | FC, IF, WB |
| Recommended Dilution: | WB 1:500~2000, IF 1:100, FLOW 1:100 |
| Reactivity: | Human, Dog, Monkey, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human PIK3AP1 (NP_689552) 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. |
| Predicted Protein Size: | 90.2 kDa |
| Gene Name: | phosphoinositide-3-kinase adaptor protein 1 |
| Database Link: | NP_689522 Entrez Gene 294048 Rat Entrez Gene 608653 Dog Entrez Gene 705017 Monkey Entrez Gene 118788 Human Q6ZUJ8 |
| Background: | Involved in the activation of phosphoinositide 3-kinase (PI3K) in B-cells and in natural killer (NK) cells. Couples B-cell antigen receptor (BCR) to PI3K activation by providing a docking site for the PI3K subunit PIK3R1, which contributes to B-cell development. Seems to have a complementary role with CD19 in PI3K activation (By similarity). May be involved in the survival of mature B cells via activation of REL (By similarity). |

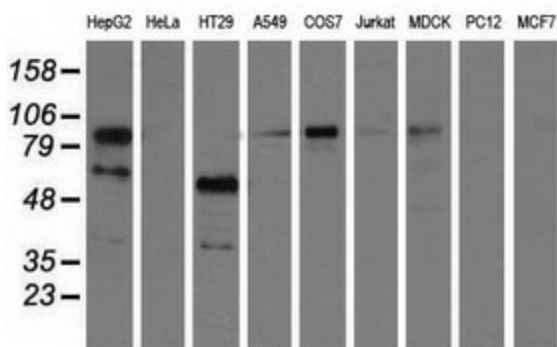


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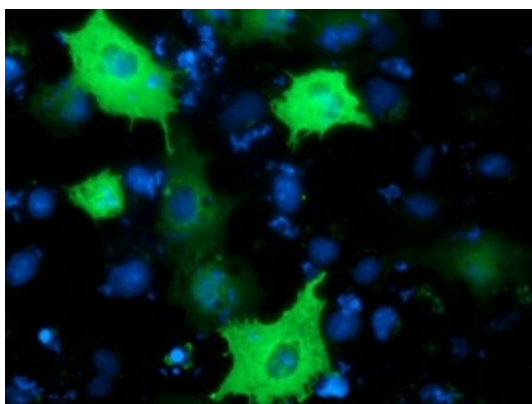
Synonyms: BCAP
Protein Families: Druggable Genome
Protein Pathways: B cell receptor signaling pathway

Product images:


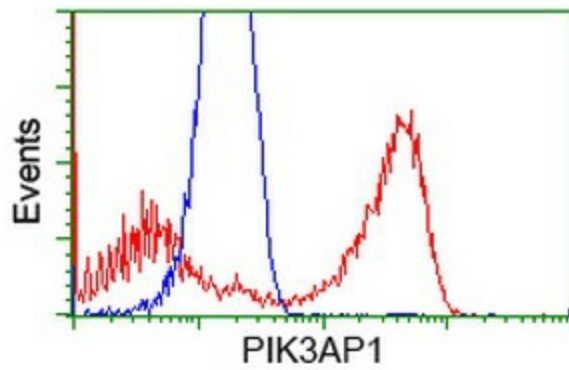
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PIK3AP1 ([RC214125], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PIK3AP1. Positive lysates [LY403461] (100ug) and [LC403461] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-PIK3AP1 monoclonal antibody.



Anti-PIK3AP1 mouse monoclonal antibody ([TA501762]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PIK3AP1 ([RC214125]).



HEK293T cells transfected with either [RC214125] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PIK3AP1 antibody ([TA501762]), and then analyzed by flow cytometry.