# RFIP5 Monoclonal Antibody

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| **Catalog No** | YP-mAb-06004 |
| **Isotype** | IgG |
| **Reactivity** | Human;Mouse |
| **Applications** | WB |
| **Gene Name** | RAB11FIP5 GAF1 KIAA0857 RIP11 |
| **Protein Name** | Rab11 family-interacting protein 5 (Rab11-FIP5) (Gamma-SNAP-associated factor 1) (Gaf-1) (Phosphoprotein pp75) (Rab11-interacting protein Rip11) |
| **Immunogen** | Synthesized peptide derived from human protein . at AA range: 570-650 |
| **Specificity** | RFIP5 Monoclonal Antibody detects endogenous levels of protein. |
| **Formulation** | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. |
| **Source** | Monoclonal, Mouse,IgG |
| **Purification** | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Dilution** | WB 1:500-1:2000 |
| **Concentration** | 1 mg/ml |
| **Purity** | ≥90% |
| **Storage Stability** | -20°C/1 year |
| **Synonyms** | |
| **Observed Band** | 71kD |
| **Cell Pathway** | Cytoplasm. Recycling endosome membrane; Peripheral membrane protein. Early endosome membrane ; Peripheral membrane protein . Golgi apparatus membrane ; Peripheral membrane protein . Cytoplasmic vesicle, secretory vesicle membrane ; Peripheral membrane protein . Mitochondrion membrane; Peripheral membrane protein. |
| **Tissue Specificity** | Detected at low levels in heart, brain, placenta, lung, liver, adipocytes, kidney, spleen, skeletal muscle and pancreas. |
| **Function** | disease:Antibodies against RIP11 are found in sera from patients with systemic lupus erythematosus (SLE) or Sjoegren syndrome (SS), and in the sera from mothers of children with neonatal lupus erythematosus (NLE).,domain:Binds to vesicles enriched in neutral phospholipids via its C2 domain. The interaction is favored by Mg(2+) rather than Ca(2+).,function:Rab effector involved in protein trafficking from apical recycling endosomes to the apical plasma membrane.,PTM:Phosphorylated on serine and threonine residues.,similarity:Contains 1 C2 domain.,subunit:Forms an heterooligomeric complex with RAB11FIP4. Binds NAPG and SSA2. Binds RAB11A that has been activated by GTP binding.,tissue specificity:Detected at low levels in heart, brain, placenta, lung, liver, adipocytes, kidney, spleen, skeletal muscle and pancreas., |

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| **matters needing attention** | Avoid repeated freezing and thawing! |
| **Usage suggestions** | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |

## Products Images