# RAB1A rabbit monoclonal antibody

Catalog #  H00005861-K  Size  100 ug x up to 3

## Specification

| | |
|---|---|
| **Product Description** | Rabbit monoclonal antibody raised against a human RAB1A peptide using ARM Technology. |
| **Immunogen** | A synthetic peptide of human RAB1A is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence. |
| **Host** | Rabbit |
| **Library Construction** | Non-fusion antibody library from rabbit spleen (ARM Technology). |
| **Expression** | Overexpression vector and transfection into 293H cell line. |
| **Reactivity** | Human |
| **Purification** | Protein A |
| **Isotype** | IgG |
| **Quality Control Testing** | Antibody reactive against human RAB1A peptide by ELISA and mammalian transfected lysate by Western Blot. |
| **Storage Buffer** | In 1x PBS, pH 7.4 |
| **Storage Instruction** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |
| **Deliverable** | Up to three rabbit IgG clones of 100 ug each will be delivered to customer. |
| **Note** | 1. Customer may provide cell or tissue lysate for antibody screening.<br>2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab)$_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request. |

## Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

## Gene Info — RAB1A

| | |
|---|---|
| **Entrez GeneID** | [5861](#) |
| **GeneBank Accession#** | [RAB1A](#) |
| **Gene Name** | RAB1A |
| **Gene Alias** | DKFZp564B163, RAB1, YPT1 |
| **Gene Description** | RAB1A, member RAS oncogene family |
| **Omim ID** | [179508](#) |
| **Gene Ontology** | [Hyperlink](#) |
| **Gene Summary** | This gene encodes a member of the Ras superfamily of GTPases. Members of the gene family cycle between inactive GDP-bound and active GTP-bound forms. This small GTPase controls vesicle traffic from the endoplasmic reticulum to the Golgi apparatus. Multiple alternatively spliced transcript variants have been identified for this gene which encode different protein isoforms. [provided by RefSeq |
| **Other Designations** | GTP binding protein Rab1a|RAB1, member RAS oncogene family|Rab GTPase YPT1 homolog |