

RecomAb™

## ACTR3 recombinant monoclonal antibody, clone R07-5V4

Catalog # RAB05272      Size 100 uL

### Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human Actin Related Protein 3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human Actin Related Protein 3
Theoretical MW (kDa)	Calculated MW: 47 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow cytometry (1/50-1/100) Immunofluorescence (1/50-1/200) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)(1/50-1/100) Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol and 0.02% Sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

### Applications

- Western Blot

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunocytochemistry
- Immunofluorescence
- Flow Cytometry

## Gene Info — ACTR3

**Entrez GeneID** [10096](#)

**Gene Name** ACTR3

**Gene Alias** ARP3

**Gene Description** ARP3 actin-related protein 3 homolog (yeast)

**Omim ID** [604222](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** The specific function of this gene has not yet been determined; however, the protein it encodes is known to be a major constituent of the ARP2/3 complex. This complex is located at the cell surface and is essential to cell shape and motility through lamellipodial actin assembly and protrusion. [provided by RefSeq]

**Other Designations** ARP3 actin-related protein 3 homolog