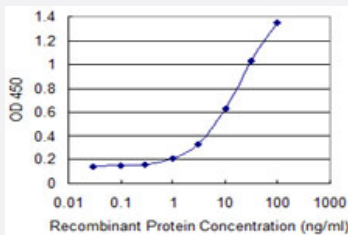


# ARPC4 monoclonal antibody (M05), clone 1E5

Catalog # H00010093-M05

Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ARPC4 is 0.3 ng/ml as a capture antibody.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant ARPC4.
<b>Immunogen</b>	ARPC4 (NP_005709, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MTATLRPYLSAVRATLQAALCLENFSSQVVERHNKPEVEVRSSKELLQPVITSRNEKEKVLIEGSI NSVRVSIQVKADEIEKILCHKFMRFTMMRAENFFILRRKPVE
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Isotype</b>	IgG1 Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ARPC4 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — ARPC4

Entrez GeneID [10093](#)

GeneBank Accession# [NM\\_005718](#)

Protein Accession# [NP\\_005709](#)

Gene Name ARPC4

Gene Alias ARC20, MGC13544, p20-Arc

Gene Description actin related protein 2/3 complex, subunit 4, 20kDa

Omim ID [604226](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes one of seven subunits of the human Arp2/3 protein complex. The Arp2/3 protein complex has been implicated in the control of actin polymerization in cells and has been conserved through evolution. The exact role of the protein encoded by this gene, the p20 subunit, has yet to be determined. Three transcript variants encoding two distinct isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** Arp2/3 protein complex subunit p20|OTTHUMP00000165252|actin related protein 2/3 complex subunit 4|actin related protein 2/3 complex, subunit 4 (20 kD)

## Pathway

- [Fc gamma R-mediated phagocytosis](#)
- [Regulation of actin cytoskeleton](#)