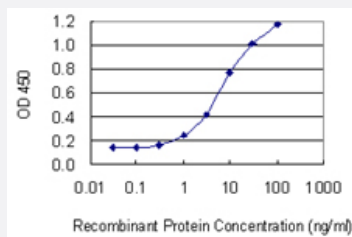


ARPC5 monoclonal antibody (M02), clone 2D10

Catalog # H00010092-M02

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ARPC5 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.86 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ARPC5.
Immunogen	ARPC5 (NP_005708.1, 3 a.a. ~ 94 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KNTVSSARFRKVDVDEYDENKFVDEEDGGDGGQAGPDEGEVDSCLRQGNMTAALQAALKNPPIN TKSQAVKDRAGSIVLKVLSFKANDIEKA
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (96); Rat (97)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.86 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ARPC5 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ARPC5

Entrez GeneID	10092
GeneBank Accession#	NM_005717
Protein Accession#	NP_005708.1
Gene Name	ARPC5
Gene Alias	ARC16, MGC88523, dJ127C7.3, p16-Arc
Gene Description	actin related protein 2/3 complex, subunit 5, 16kDa
Omim ID	604227
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 p16 subunit, has yet to be determined. [provided by RefSeq]

Other Designations

Arp2/3 protein complex subunit p16|OTTHUMP00000033266|actin related protein 2/3 complex subunit 5|actin related protein 2/3 complex, subunit 5 (16 kD)

Pathway

- [Fc gamma R-mediated phagocytosis](#)
- [Pathogenic Escherichia coli infection - EHEC](#)
- [Regulation of actin cytoskeleton](#)