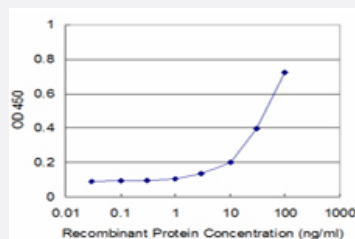


PIK4CB monoclonal antibody (M02), clone 3B1

Catalog # H00005298-M02

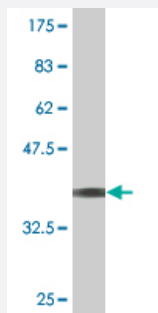
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PIK4CB is approximately 3ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.52 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PIK4CB.
Immunogen	PIK4CB (NP_002642.1, 731 a.a. ~ 828 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GGLDGD MFNYYKMLMLQG LIAARKHMDKV VQVEIMQQGSQ LPCFHGSSTIRNLKERFHMSMTEE QLQLLVEQMVDGSMRSITTKLYDGFQYL TNGIM
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 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 PIK4CB is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PI4KB

Entrez GeneID	5298
GeneBank Accession#	NM_002651
Protein Accession#	NP_002642.1
Gene Name	PI4KB
Gene Alias	PI4K-BETA, PI4KIIIbeta, PI4Kbeta, PIK4CB, pi4K92
Gene Description	phosphatidylinositol 4-kinase, catalytic, beta
Omim ID	602758
Gene Ontology	Hyperlink
Gene Summary	catalytic

Other Designations

OTTHUMP00000014284|phosphatidylinositol 4-kinase, catalytic, beta polypeptide|type III phosphatidylinositol 4-kinase beta

Pathway

- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)

Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Genetic Predisposition to Disease](#)
- [Neuroblastoma](#)