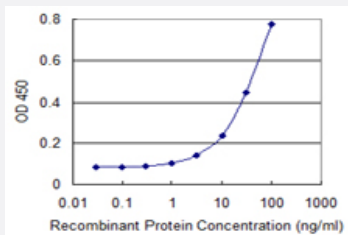


PI4KII monoclonal antibody (M01), clone 3E1

Catalog # H00055361-M01

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PI4K2A is 1 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PI4KII.
Immunogen	PI4KII (NP_060895.1, 383 a.a. ~ 477 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LILPKISDPNPFVKDLEEDLYELFKKDPGFDRGQFHKQIAVMRGQILNLTQALKDNKSPLHLVQMPP VIVETARSHQRSSSESYSQSFQSRKPFFS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (94)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PI4K2A is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PI4K2A

Entrez GeneID [55361](#)

GeneBank Accession# [NM_018425](#)

Protein Accession# [NP_060895.1](#)

Gene Name PI4K2A

Gene Alias DKFZp761G1923, PI4KII, PIK42A, RP11-548K23.6

Gene Description phosphatidylinositol 4-kinase type 2 alpha

Omim ID [609763](#)

Gene Ontology [Hyperlink](#)

Gene Summary Phosphatidylinositolpolyphosphates (PtdInsPs) are centrally involved in many biologic processes, ranging from cell growth and organization of the actin cytoskeleton to endo- and exocytosis. PI4KII phosphorylates PtdIns at the D-4 position, an essential step in the biosynthesis of PtdInsPs (Barylko et al., 2001 [PubMed 11244087]).[supplied by OMIM]

Other Designations OTTHUMP00000020224|phosphatidylinositol 4-kinase type II (PI4KII)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)