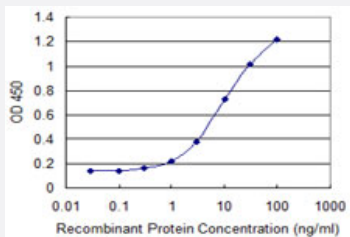


FIP1L1 monoclonal antibody (M05), clone 2H4

Catalog # H00081608-M05

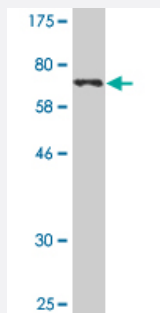
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FIP1L1 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (67.32 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant FIP1L1.

Immunogen

FIP1L1 (AAH17724, 1 a.a. ~ 378 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MSAGEVERLVSELSGGTGGDEEEEWLYGDENEVERPEEENASANPPSGIEDETAENGVPKPKV
TETEDDSDSDSDDDDEDDVHVTIGDIKTGAPQYGSYGTAPVNLNIKTGGRVYGTGTVKGVDLDA
PGSINGVPLLEVDLDSFEDKPWRKPGADLSDYFNNGFNEDTWKAYCEKQKRIRMGLEVIPVTSTT
NKITAEDCTMEVTPGAIEIQDGRFNLFKVQQGRTGNSEKETALPSTKAEFTSPPSLFKTGLPPSRN
STSSQSQTSTASRKANSSVGKWQDRYGRAESPDRLRLPGAIDVIGQTITISRVEGRRRANENSNIQ
VLSERSATEVDNNSFSKPPFFPPGAPPTHLPPLPPPTVSTAPPLIPPPGK

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Rat (89)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (67.32 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 FIP1L1 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — FIP1L1

Entrez GeneID	81608
GeneBank Accession#	BC017724
Protein Accession#	AAH17724
Gene Name	FIP1L1
Gene Alias	DKFZp586K0717, FLJ33619, Rhe
Gene Description	FIP1 like 1 (S. cerevisiae)
Omim ID	607686
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a subunit of the CPSF (cleavage and polyadenylation specificity factor) complex that polyadenylates the 3' end of mRNA precursors. This gene, the homolog of yeast Fip1 (factor interacting with PAP), binds to U-rich sequences of pre-mRNA and stimulates poly(A) polymerase activity. Its N-terminus contains a PAP-binding site and its C-terminus an RNA-binding domain. An interstitial chromosomal deletion on 4q12 creates an in-frame fusion of human genes FIP1L1 and PDGFRA (platelet-derived growth factor receptor, alpha). The FIP1L1-PDGFRA fusion gene encodes a constitutively activated tyrosine kinase that joins the first 233 amino acids of FIP1L1 to the last 523 amino acids of PDGFRA. This gene fusion and chromosomal deletion is the cause of some forms of idiopathic hypereosinophilic syndrome (HES). This syndrome, recently reclassified as chronic eosinophilic leukemia (CEL), is responsive to treatment with tyrosine kinase inhibitors. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq]

Other Designations

FIP1 like 1|rearranged in hypereosinophilia