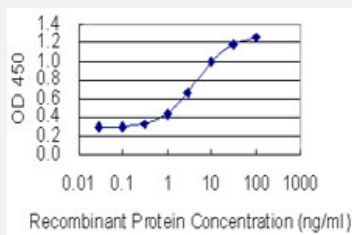


KIF21B monoclonal antibody (M03), clone 4C12

Catalog # H00023046-M03

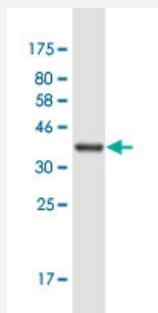
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KIF21B is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant KIF21B.

Immunogen

KIF21B (XP_371332, 1183 a.a. ~ 1282 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

VSRTVSLPTRGSTFPRQSRATETSPLTRRKS YDRGQPIRSTDVGFTPPSSPPTPRNDRNVFSRL
TSNQSQGSALDKSDDSDSSLSEVL RGIISPVGGA K

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (95); Rat (95)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 KIF21B is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — KIF21B

Entrez GeneID	23046
GeneBank Accession#	XM_371332
Protein Accession#	XP_371332
Gene Name	KIF21B
Gene Alias	FLJ16314
Gene Description	kinesin family member 21B
Omim ID	608322
Gene Ontology	Hyperlink

Gene Summary

KIF21B belongs to a family of plus end-directed kinesin (see MIM 600025) motor proteins. Neurons use kinesin and dynein (see MIM 600112) microtubule-dependent motor proteins to transport essential cellular components along axonal and dendritic microtubules.[supplied by OMIM]

Other Designations

-