

KPTN Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant KPTN.****Catalog # AT2649a****Specification**

KPTN Antibody (monoclonal) (M01) - Product Information

Application	WB, IF, E
Primary Accession	O9Y664
Other Accession	BC009249
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	48080

KPTN Antibody (monoclonal) (M01) - Additional Information**Gene ID** 11133**Other Names**

Kaptin, Actin-associated protein 2E4, KPTN

Target/Specificity

KPTN (AAH09249, 1 a.a. ~ 436 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IF~~1:50~200

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

KPTN Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

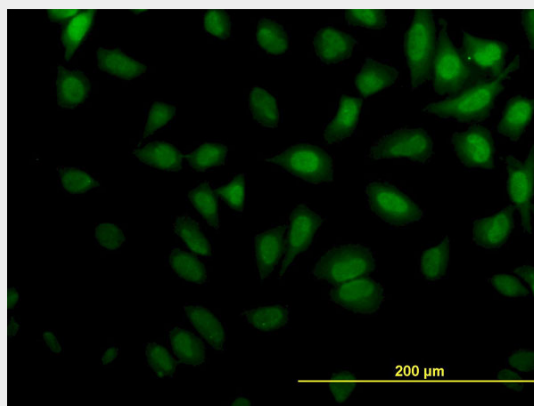
KPTN Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

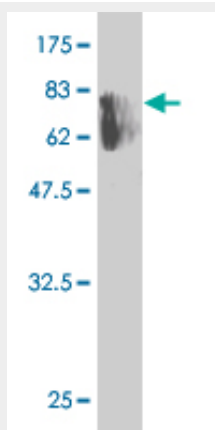
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

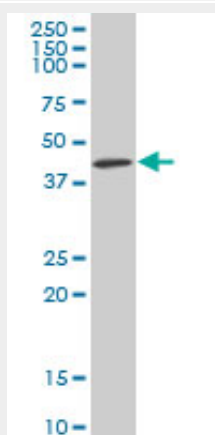
KPTN Antibody (monoclonal) (M01) - Images



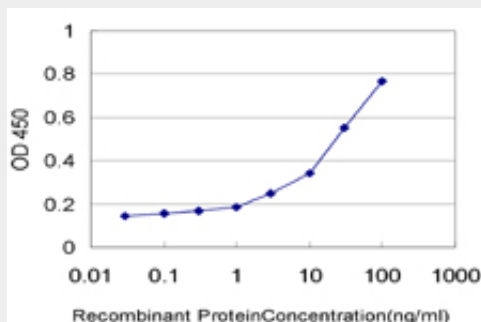
Immunofluorescence of monoclonal antibody to KPTN on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (73.7 KDa) .



KPTN monoclonal antibody (M01), clone 1C7 Western Blot analysis of KPTN expression in Hela S3 NE ((Cat # AT2649a)



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

KPTN Antibody (monoclonal) (M01) - References

Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931. Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.