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KIF2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant KIF2.
Catalog # AT2619a

Specification

KIF2 Antibody (monoclonal) (M01) - Product Information

Application	**WB, IHC, E**
Primary Accession	O00139
Other Accession	BC031828
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 kappa**
Calculated MW	**79955**

KIF2 Antibody (monoclonal) (M01) - Additional Information

Gene ID 3796

Other Names
Kinesin-like protein KIF2A, Kinesin-2, hK2, KIF2A, KIF2, KNS2

Target/Specificity
KIF2 (AAH31828.1, 1 a.a. ~ 679 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

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
KIF2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

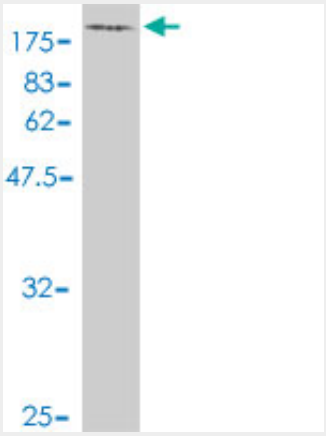
KIF2 Antibody (monoclonal) (M01) - Protocols

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

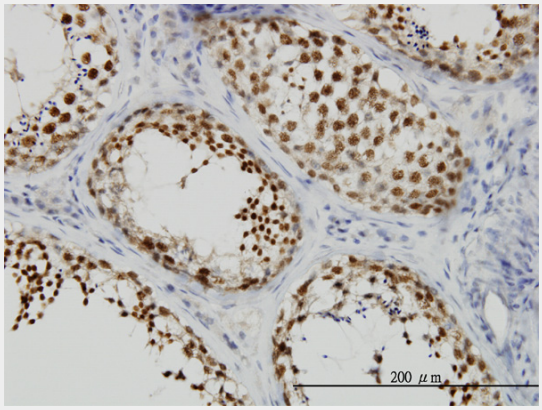
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

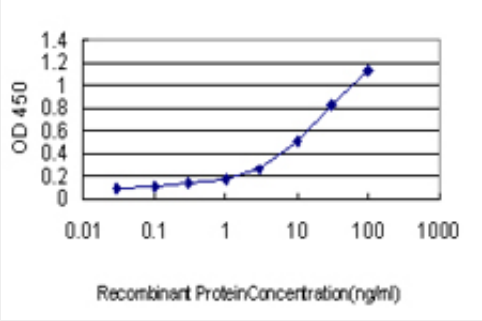
KIF2 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (100.43 KDa) .



Immunoperoxidase of monoclonal antibody to KIF2 on formalin-fixed paraffin-embedded human testis. [antibody concentration 6 ug/ml]



Detection limit for recombinant GST tagged KIF2 is approximately 0.1ng/ml as a capture antibody.

KIF2 Antibody (monoclonal) (M01) - Background

Kinesins, such as KIF2, are microtubule-associated motor proteins. For background information on

kinesins, see MIM 148760.

KIF2 Antibody (monoclonal) (M01) - References

1.Lysosomal positioning coordinates cellular nutrient responses.Korolchuk VI, Saiki S, Lichtenberg M, Siddiqi FH, Roberts EA, Imarisio S, Jahreiss L, Sarkar S, Futter M, Menzies FM, O'Kane CJ, Deretic V, Rubinsztein DC.Nat Cell Biol. 2011 Apr;13(4):453-60. Epub 2011 Mar 13.