

Mouse anti-Human Kinesin 2C Monoclonal Antibody | anti-KIF2C antibody

Kinesin 2C (KIF2C, Kinesin Family Member 2C, Kinesin-Like Protein 6, KNSL6, Kinesin-like Protein KIF2C, Mitotic Centromere-Associated Kinesin, MCAK, 4930402F02Rik, ESTM5, MGC11883, OTTHUMP00000010066, X83316) (PE)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25731	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Western Blot

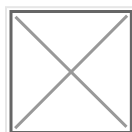
PRODUCT SYNONYMS

Kinesin 2C; Monoclonal Antibody; Kinesin 2C (KIF2C; Kinesin Family Member 2C; Kinesin-Like Protein 6; KNSL6; Kinesin-like Protein KIF2C; Mitotic Centromere-Associated Kinesin; MCAK; 4930402F02Rik; ESTM5; MGC11883; OTTHUMP00000010066; X83316) (PE); anti-KIF2C antibody

PRODUCT SPECIFICATIONS

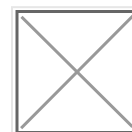
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1G2
Specificity	Recognizes human KIF2C.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Applicable Applications for anti-KIF2C antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa1-100 from human KIF2C (AAH14924) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MAMDSSLQARLFPGLAIKIQRNGLIHSANVRTVNLEKSCVSVEWAEGGATKGKEIDFDDVAAINPELLQLLPLHPKDNLPLQENVTIQKQKRRSVNSKI
Conjugate	PE
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES



WB (Western Blot)

KIF2C monoclonal antibody Western Blot analysis of KIF2C expression in HeLa NE.



WB (Western Blot)

Western Blot analysis of KIF2C expression in transfected 293T cell line by KIF2C monoclonal antibody Lane 1: KIF2C transfected lysate (81.3kD). Lane 2: Non-transfected lysate.



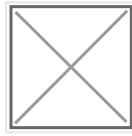
WB (Western Blot)

Western blot analysis of KIF2C over-expressed 293 cell line, cotransfected with KIF2C Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with KIF2C monoclonal antibody (M01). GAPDH (36.1kD) used as specificity and loading control.



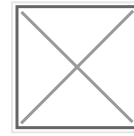
Application Data

Detection limit for recombinant GST tagged KIF2C is ~0.1ng/ml as a capture antibody.



IP (Immunoprecipitation)

Immunoprecipitation of KIF2C transfected lysate using KIF2C monoclonal antibody and Protein A Magnetic Bead and immunoblotted with KIF2C rabbit polyclonal antibody.



IF (Immunofluorescence)

Immunofluorescence of monoclonal antibody to KIF2C on HeLa cell. [antibody concentration 10ug/ml].

ADDITIONAL INFORMATION

Product Categories/Family for anti-KIF2C antibody

[Antibodies](#); [Motor Proteins](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	15928917
NCBI GeneID	11004
Molecular Weight	75,561 Da
NCBI Official Full Name	Homo sapiens kinesin family member 2C, mRNA
NCBI Official Synonym Full Names	kinesin family member 2C
NCBI Official Symbol	KIF2C
NCBI Official Synonym Symbols	MCAK; CT139; KNSL6
NCBI Protein Information	kinesin-like protein KIF2C

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/kinesin-2c-antibody-clone-1g2-immunofluorescence-immunohistochemistry-immunoprecipitation-western-blot-elisa/25731>