

Mouse anti-Human KIF2C Monoclonal Antibody | anti-KIF2C antibody

Mouse monoclonal antibody Anti-Human KIF2C

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36406	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot, Immunocytochemistry, Dot Blot

PRODUCT SYNONYMS

KIF2C; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human KIF2C; Homo sapiens kinesin family member 2C (KIF2C); MCAK; KNSL6; anti-KIF2C antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2488C3a
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	2896
Applicable Applications for anti-KIF2C antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ICC (Immunocytochemistry), DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



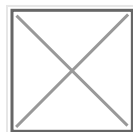
ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-KIF2C mAb. Nuclear was stained with Hoechst (blue fluorescence). [Lot No. 2488C3a-1]



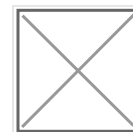
FCM/FACS (Flow Cytometry)

HeLa cells were fixed in 2% paraformaldehyde/PBS and then permeabilized in 90% methanol. Cells were stained with anti-KIF2C mAb (shaded) or isotype control (unshaded) followed by Alexa Fluor(R) 488-conjugated goat anti-mouse IgG. [Lot No. 2488C3a-1]



WB (Western Blot)

Detection of human KIF2C by Western blot. Samples: Whole cell lysate (25 ug) from HeLa cells. [Lot No. 2488C3a-1] Predicted molecular weight: 81 kDa



Quality Control #2

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control

Western blot analysis of immunized recombinant protein, using anti-KIF2C monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-KIF2C antibody	The protein encoded by this gene is a member of kinesin-like protein family. Proteins of this family are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. This protein is important for anaphase chromosome segregation and may be required to coordinate the onset of sister centromere separation. [NCBI Entrez Gene Summary]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	166795249
NCBI GeneID	11004
NCBI Accession #	NP_006836.2
NCBI GenBank Nucleotide #	NM_006845
Molecular Weight	75,561 Da
NCBI Official Full Name	Homo sapiens kinesin family member 2C (KIF2C), transcript variant 1, 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; kinesin-like protein 6; mitotic centromere-associated kinesin
UniProt Protein Name	Kinesin-like protein KIF2C
UniProt Gene Name	KIF2C
UniProt Entry Name	KIF2C_HUMAN

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/kif2c-antibody-clone-2488c3a-flow-cytometry-western-blot-immunocytochemistry-dot-blot-elisa/36406>