

Mouse anti-Human KIF22 Monoclonal Antibody | anti-KIF22 antibody

Mouse monoclonal antibody Anti-Human KIF22

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36520	Mouse	Human	Western Blot, Immunocytochemistry, Dot Blot

PRODUCT SYNONYMS

KIF22; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human KIF22; Homo sapiens kinesin family member 22 (KIF22); mRNA.; KID; OBP; KNSL4; OBP-1; OBP-2; anti-KIF22 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2486C3a
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	2159
Applicable Applications for anti-KIF22 antibody	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



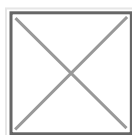
ICC (Immunocytochemistry)

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-KIF22 mAb. [Lot No.2486C3a-1]



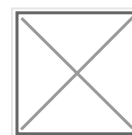
WB (Western Blot)

Detection of human KIF22 by Western blot. Samples: Whole cell lysate (25 ug) from HeLa cells. [Lot No. 2486C3a-1] Predicted molecular weight: 73 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-KIF22 monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-KIF22 antibody	The protein encoded by this gene is a member of kinesin-like protein family. This family of proteins are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. The C-terminal half of this protein has been shown to bind DNA. Studies with the Xenopus homolog suggests its essential role in metaphase chromosome alignment and maintenance.[NCBI Entrez Gene Summary]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	372266144
NCBI GeneID	3835
NCBI Accession #	NP_015556.1
NCBI GenBank Nucleotide #	NM_007317
Molecular Weight	66,307 Da
NCBI Official Full Name	Homo sapiens kinesin family member 22 (KIF22), transcript variant 1, mRNA
NCBI Official Synonym Full Names	kinesin family member 22
NCBI Official Symbol	KIF22
NCBI Official Synonym Symbols	KID; OBP; KNSL4; OBP-1; OBP-2; SEMDJL2; A-328A3.2
NCBI Protein Information	kinesin-like protein KIF22; kinesin-like DNA-binding protein pseudogene; kinesin-like protein 4; oriP binding protein; origin of plasmid DNA replication-binding protein
UniProt Protein Name	Kinesin-like protein KIF22
UniProt Gene Name	KIF22
UniProt Entry Name	KIF22_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/kif22-antibody-clone-2486c3a-western-blot-immunocytochemistry-dot-blot-elisa/36520>