

For Research Use Only

CoraLite® Plus 488-conjugated KIFC1 Recombinant monoclonal antibody

Catalog Number: CL488-85981



Basic Information

Catalog Number:	CL488-85981	GenBank Accession Number:	BC000712	Purification Method:	Protein A purification
Source:	Rabbit	GenelD (NCBI):	3833	CloneNo.:	250588F10
Isotype:	IgG	UNIPROT ID:	Q9BW19	Recommended Dilutions:	IF/ICC: 1:300-1:1200
Immunogen Catalog Number:	AG14492	Full Name:	kinesin family member C1	Excitation/Emission maxima wavelengths:	493 nm / 522 nm
		Calculated MW:	673 aa, 74 kDa		
		Observed MW:	74 kDa		

Applications

Tested Applications:	IF/ICC	Positive Controls:
Species Specificity:	human, mouse	IF/ICC: HeLa cells,

Background Information

KIFC1 is a molecular motor protein belonging to the kinesin-14 family that has motor domains at the C-terminus. KIFC1 is widely distributed, with highest expression in testis and participating in acrosome biogenesis and vesicle transport. It is also abundant in ovary, spleen, and liver. KIFC1 proteins are generally localized in the perinuclear region, and have been found to be involved chromosome alignment, congression and intracellular DNA transport (PMID: 12826589, PMID: 15236353, PMID: 23543461).

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Coralite® Plus 488 KIFC1 antibody (CL488-85981, Clone: 250588F10) at dilution of 1:600, CL594-phalloidin (red).