

For Research Use Only

CoraLite® Plus 488-conjugated KIFC1 Recombinant monoclonal antibody

Catalog Number: CL488-85981



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-85981	BC000712	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
100μl, Concentration: 1000 ug/ml by Nanodrop;	3833	250588F10
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	Q9BW19	IF/ICC: 1:300-1:1200
Isotype:	Full Name:	Excitation/Emission maxima
IgG	kinesin family member C1	wavelengths:
Immunogen Catalog Number:	Calculated MW:	493 nm / 522 nm
AG14492	673 aa, 74 kDa	
	Observed MW:	
	74 kDa	

Applications

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

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:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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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).