

For Research Use Only

Ch-TOG Recombinant antibody

Catalog Number: 84285-3-RR



Basic Information

Catalog Number: 84285-3-RR	GenBank Accession Number: BC120869	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 9793	CloneNo.: 241546G8
Source: Rabbit	UNIPROT ID: Q14008	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: cytoskeleton associated protein 5	
Immunogen Catalog Number: AG24875	Observed MW: 220 kDa	

Applications

Tested Applications: WB, FC (Intra), ELISA	Positive Controls: WB : HeLa cells, HepG2 cells, MCF-7 cells, NCCIT cells, SH-SY5Y cells, K-562 cells
Species Specificity: human	

Background Information

Ch-TOG (colonic hepatic tumor-overexpressed gene), also known as XMAP215 or CKAP5, is a microtubule polymerase which can promote cytoplasmic microtubule nucleation and elongation. Through interacting with Aurora-A and TACC3, it plays a major role in organizing spindle poles.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

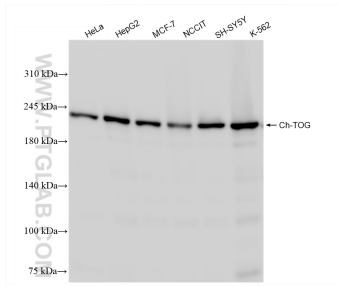
T: 4006900926

E: Proteintech-CN@ptglab.com

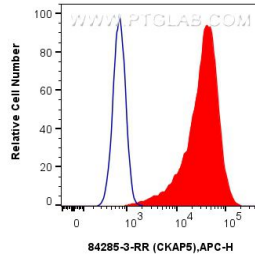
W: ptgcn.com

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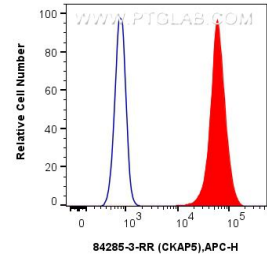
Selected Validation Data



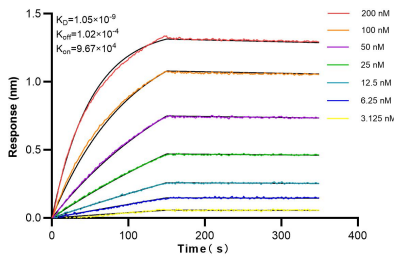
Various lysates were subjected to SDS PAGE followed by western blot with 84285-3-RR (Ch-TOG antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug Ckap5 Recombinant Antibody (84285-3-RR, Clone:241546G8) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



1x10⁶ A549 cells were intracellularly stained with 0.25 ug Ckap5 Recombinant Antibody (84285-3-RR, Clone:241546G8) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 84285-3-RR against Human Ch-TOG were performed. The affinity constant is 1.05 nM.