

For Research Use Only

Ch-TOG Monoclonal antibody, PBS Only (Capture/Detector)



Catalog Number: 67631-1-PBS

Basic Information

Catalog Number: 67631-1-PBS	GenBank Accession Number: BC120869	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 9793	CloneNo.: 1H5G1
Source: Mouse	UNIPROT ID: Q14008	
Isotype: IgG1	Full Name: cytoskeleton associated protein 5	
Immunogen Catalog Number: AG28770	Observed MW: 220-240 kDa	

Applications

Tested Applications:
WB, IF, Indirect ELISA, Cytometric bead array

Species Specificity:
Human, mouse, rat, pig

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 -80°C.

Storage Buffer:
PBS Only

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

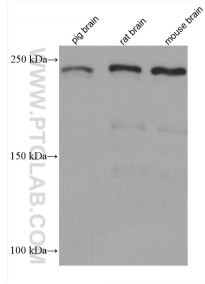
T: 4006900926

E: Proteintech-CN@ptglab.com

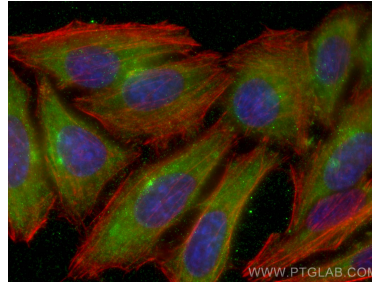
W: ptgcn.com

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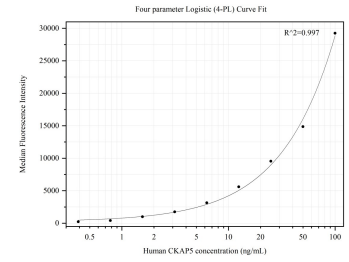
Selected Validation Data



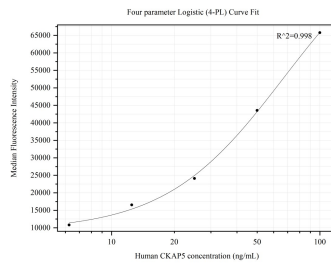
Various lysates were subjected to SDS PAGE followed by western blot with 67631-1-Ig (CKAP5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67631-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using Ch-TOG antibody (67631-1-Ig, Clone: 1H5G1) at dilution of 1:4000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 67631-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP50224-1, CKAP5 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67631-2-PBS. Detection antibody: 67631-1-PBS. Standard:Ag28770. Range: 0.391-100 ng/mL



Cytometric bead array standard curve of MP50224-2, CKAP5 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67631-1-PBS. Detection antibody: 67631-3-PBS. Standard:Ag28770. Range: 6.25-100 ng/mL