

Ch-TOG Monoclonal antibody

Catalog Number: 67631-1-Ig

Basic Information

Catalog Number:

67631-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG28770

GenBank Accession Number:

BC120869

GeneID (NCBI):

9793

UNIPROT ID:

Q14008

Full Name:

cytoskeleton associated protein 5

Observed MW:

220-240 kDa

Purification Method:

Protein G purification

CloneNo.:

1H5G1

Recommended Dilutions:

WB 1:5000-1:50000

IF 1:2000-1:8000

Applications

Tested Applications:

IF/ICC, WB, ELISA

Species Specificity:

Human, mouse, rat, pig

Positive Controls:

WB : pig brain tissue, HeLa cells, HepG2 cells, NCCIT cells, rat brain tissue, mouse brain tissue

IF : HepG2 cells,

Background Information

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

Storage

Storage:

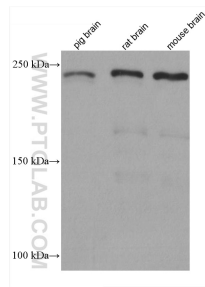
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

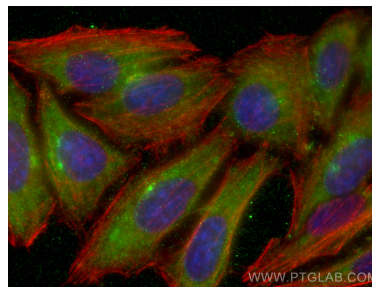
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.



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).