

Eg5 Rabbit mAb

Catalog No: #59544

Package Size: #59544-1 50ul #59544-2 100ul

Description

Product Name	Eg5 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human
Specificity	Eg5 Antibody detects endogenous levels of total Eg5
Immunogen Description	A synthesized peptide derived from human Eg5
Other Names	EG5; HKSP; Kinesin family member 11; Kinesin like protein 1; Kinesin-like protein KIF11; KNSL1; MCLMR; TR-interacting protein 5; TRIP5;
Accession No.	Uniprot:P52732
Calculated MW	Predicted band size: 119 kDa
SDS-PAGE MW	Observed band size: 119 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

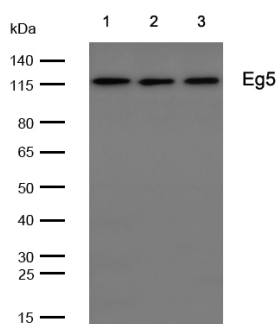
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: Eg5 Rabbit mAb at 1/1k dilution

Lane 1 : Hela whole cell lysates Lane 2 : Raji whole cell lysates Lane 3 : MCF-7 whole cell lysates
Lysates/proteins at 20 µg per lane.

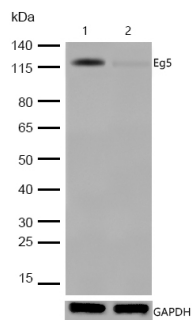
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 119 kDa

Observed band size: 119 kDa

Exposure time: 6 seconds

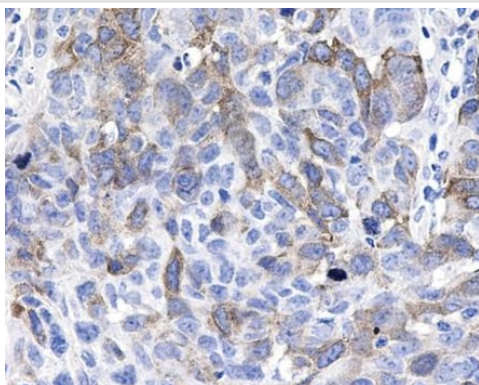


All lanes:Eg5 Rabbit mAb at 1/1k dilution

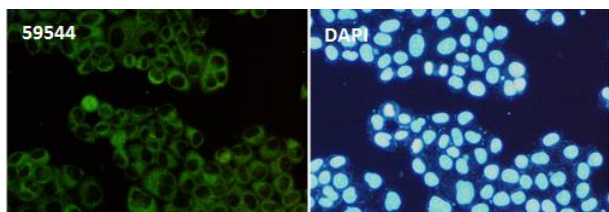
Lane 1 : Wild-type 293T cell lysate

Lane 2 :Eg5 Rabbit mAb knockdown 293T cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human lung cancer tissue stained for Eg5 using 59544 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence Eg5 antibody (59544) ICC/IF staining of Eg5 in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59544 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei

were counterstained with DAPI.

Background

Motor protein required for establishing a bipolar spindle. Blocking of KIF11 prevents centrosome migration and arrest cells in mitosis with monoastal microtubule arrays.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.