

Product Name: Eg5 Mouse Monoclonal Antibody**Catalog #: AMM84994**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ICC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC 1:50-1:200,IP 1:10-1:20
Molecular Weight	Calculated MW: 119 kDa; Observed MW: 130 kDa

Antigen Information

Gene Name	Eg5 KIF11; EG5; KNSL1; TRIP5; Kinesin-like protein KIF11; Kinesin-like protein 1; Kinesin-like
Alternative Names	spindle protein HKSP; Kinesin-related motor protein Eg5; Thyroid receptor-interacting protein 5; TR-interacting protein 5; TRIP-5
Gene ID	3832.0
SwissProt ID	P52732
Immunogen	Purified recombinant human Eg5 protein fragments expressed in E.coli.

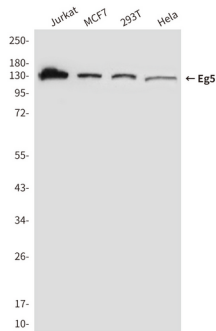
Background

Motor protein required for establishing a bipolar spindle. Blocking of KIF11 prevents centrosome migration and arrest cells in

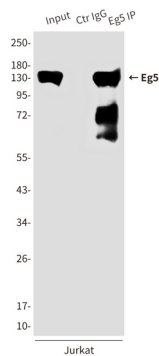
mitosis with monoastal microtubule arrays.

Research Area

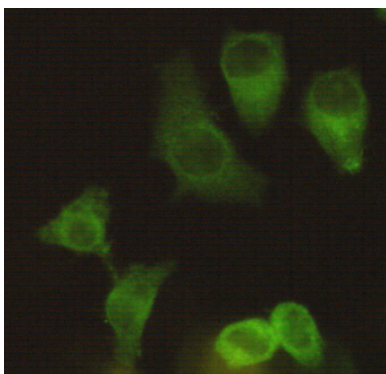
Image Data



Western blot analysis of Eg5 in MCF-7, 293T, Jurkat and Hela lysates using Eg5 antibody.



Immunoprecipitation analysis of Eg5 in Jurkat lysates using Eg5 antibody.



Immunocytochemistry analysis of Eg5 in Hela using Eg5 antibody.