

Anti-Eg5 Antibody

CATALOG NO: A1309-100

ALTERNATIVE NAMES: EG5, HKSP, KNSL1, TRIP5

CLONE: 4H3-1F12

AMOUNT: 100 µg

Host/ISOTYPE: Mouse IgG1

IMMUNOGEN: Recombinant human Eg5 protein fragments expressed in *E.coli*

MOLECULAR WEIGHT: 130 kDa

SPECIES REACTIVITY: Human

SPECIFICITY: This antibody detects endogenous levels of Eg5 and does not cross-react with related proteins.

PURIFICATION: Affinity purified

FORM: Liquid

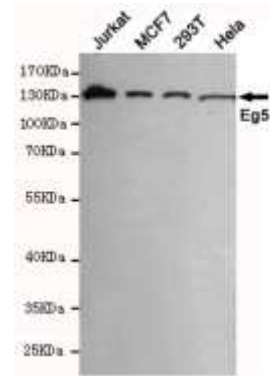
FORMULATION: Purified mouse monoclonal antibody in PBS (pH 7.4) containing with 0.02% sodium azide and 50% glycerol

STORAGE CONDITIONS: For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles

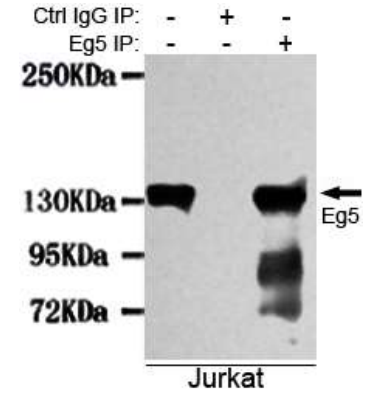
DESCRIPTION: Eg5 gene encodes a motor protein that belongs to the kinesin-like protein family. Members of this protein family are known to be involved in various kinds of spindle dynamics. The function of this gene product includes chromosome positioning, centrosome separation and establishing a bipolar spindle during cell mitosis.

APPLICATION: WB; 1:1000
IF; 1:200
IP

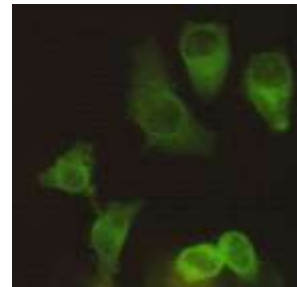
Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot detection of Eg5 in MCF7,293T,Jurkat and HeLa cell lysates using Eg5 mouse mAb (1:1000 diluted)



Immunoprecipitation analysis of Jurkat cell lysates using Eg5 mouse mAb



Immunocytochemistry staining of HeLa using Eg5 mouse mAb (1:200)

RELATED PRODUCTS:

- 5-hmC polyclonal antibody (rabbit) (Cat. No. 6830)
- Acetyl Lysine (Biotin) Antibody (6125)
- Acetyl-Histone H2A Antibody (3653)
- Anti- c-Myb Antibody (A1212)

FOR RESEARCH USE ONLY! Not to be used on humans.