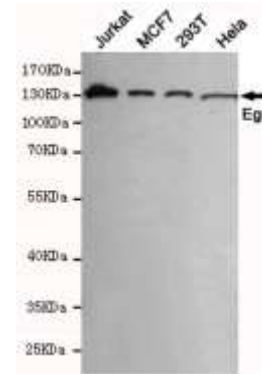
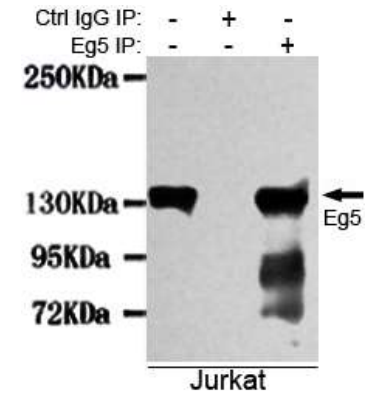


Anti-Eg5 Antibody

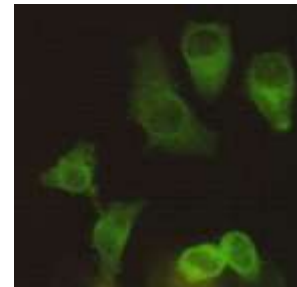
CATALOG NO:	A1309-100
ALTERNATIVE NAMES:	EG5, HKSP, KNSL1, TRIP5
CLONE:	4H3-1F12
AMOUNT:	100 µg
Host/ISOTYPE:	Mouse IgG1
IMMUNOGEN:	Recombinant human Eg5 protein fragments expressed in <i>E.coli</i>
MOLECULAR WEIGHT:	130 kDa
SPECIES REACTIVITY:	Human
SPECIFICITY:	This antibody detects endogenous levels 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.