

Mouse anti-Human Eg5 Monoclonal Antibody | anti-Eg5 antibody

Eg5 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320294	Mouse	Human	Immunocytochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Eg5; Monoclonal Antibody; Eg5 Mouse mAb; EG5; HKSP; KIF11; KIF11_HUMAN; kinesin family member 11; Kinesin like protein 1; Kinesin like spindle protein HKSP; Kinesin-like protein 1; Kinesin-like protein KIF11; Kinesin-like spindle protein HKSP; Kinesin-related motor protein Eg5; KNSL1; MCLMR; Thyroid receptor interacting protein 5; Thyroid receptor-interacting protein 5; TR-interacting protein 5; TRIP-5; TRIP5.; anti-Eg5 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of Eg5 and does not cross-react with related proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-Eg5 antibody	ICC (Immunocytochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Purified recombinant human Eg5 protein fragments expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



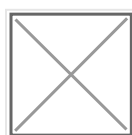
ICC (Immunocytochemistry)

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



IP (Immunoprecipitation)

Immunoprecipitation analysis of Jurkat cell lysates using Eg5 mouse mAb.



WB (Western Blot)

Western blot detection of Eg5 in MCF7, Jurkat and Hela cell lysates using Eg5 mouse mAb (1:1000 diluted). Predicted band size: 130KDa. Observed band size: 130KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-Eg5 antibody	kinesin family member 11(KIF11) Homo sapiens This 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. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-Eg5 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	13699824
NCBI GeneID	3832
NCBI Accession #	NP_004514.2
NCBI GenBank Nucleotide #	NM_004523.3
UniProt Accession #	P52732; Q15716; Q5VWX0; A0AV49; B2RMV3
Molecular Weight	119,159 Da
NCBI Official Full Name	kinesin-like protein KIF11
NCBI Official Synonym Full Names	kinesin family member 11
NCBI Official Symbol	KIF11
NCBI Official Synonym Symbols	EG5; HKSP; KNSL1; MCLMR; TRIP5
NCBI Protein Information	kinesin-like protein KIF11; TRIP-5; kinesin-like protein 1; TR-interacting protein 5; kinesin-like spindle protein HKSP; kinesin-related motor protein Eg5; thyroid receptor-interacting protein 5
UniProt Protein Name	Kinesin-like protein KIF11
UniProt Gene Name	KIF11
UniProt Synonym Gene Names	EG5; KNSL1; TRIP5; TR-interacting protein 5; TRIP-5
UniProt Entry Name	KIF11_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/eg5-antibody-immunocytochemistry-immunoprecipitation-western-blot-elisa/320294>