

Mouse anti-Human EG5 Monoclonal Antibody | anti-EG5 antibody

Anti-EG5 Antibody

CATALOG # AAA265747	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

EG5; Monoclonal Antibody; Anti-EG5 Antibody; anti-EG5 antibody

PRODUCT SPECIFICATIONS

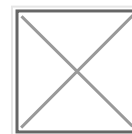
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of EG5 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH7.3.
Applicable Applications for anti-EG5 antibody	IP (Immunoprecipitation), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant human Eg5 protein fragments expressed in E coli.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of EG5 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of EG5 expression in MCF7 (A), 293T (B), Jurkat (C), HeLa (D) whole cell lysates. (Predicted band size: 119 kD; Observed band size: 130 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-EG5 antibody	Mouse monoclonal antibody to EG5
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-immunoprecipitation-immunochemistry-immunofluorescence-western-blot-elisa/265747>