

Mouse anti-Human, Mouse CENP-E Monoclonal Antibody | anti-CENP-E antibody

CENP-E antibody (mAb)(Clone 1H12)

CATALOG # AAA59897	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Immunocytochemistry
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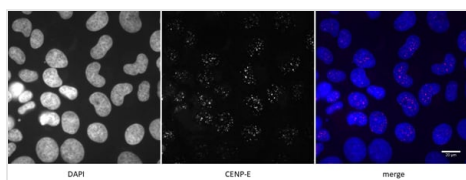
PRODUCT SYNONYMS

CENP-E; Monoclonal Antibody; CENP-E antibody (mAb)(Clone 1H12); KIF10; CENPE; PPP1R61; anti-CENP-E antibody

PRODUCT SPECIFICATIONS

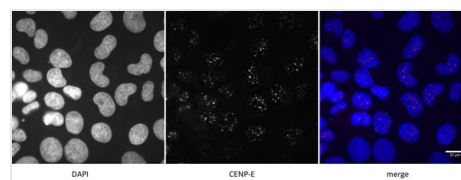
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG
Clone Number	1H12
Purity/Purification	Protein G Chromatography
Form/Format	Purified IgG in 70mM Tris (pH8), 105mM NaCl, 31mM glycine, 0.07mM EDTA, 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Concentration	1ug/ul (varies by lot)
Applicable Applications for anti-CENP-E antibody	IF (Immunofluorescence), ICC (Immunocytochemistry)
Immunogen	This CENP-E antibody was raised against full-length human CENP-E protein.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



IF (Immunofluorescence)

Detection of CENP-E by immunofluorescence. U2OS cells were stained with CENP-E antibody at a dilution of 1:500. Left panel: DAPI. Middle panel: CENP-E antibody staining. Right panel: merge.



IF (Immunofluorescence)

CENP-E mouse mAb (Clone 1H12) tested by immunofluorescence. Staining of HeLa cells with CENP-E mouse mAb (Clone 1H12) at a 1 ug/ml dilution (red) and DAPI (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-CENP-E antibody	Short Description: Our CENP-E antibody (mAb)(Clone 1H12) was raised in a Mouse host. It has been validated for use in Immunocytochemistry and Immunofluorescence; it has been shown to react with Human and Mouse samples. Background: Centrosome-associated protein E (CENP-E) is a kinesin-like protein and an integral component of kinetochore fibers that link centromeres to spindle microtubules. CENP-E localizes to kinetochores throughout all phases of mitotic chromosome movement. After the onset of anaphase it is released, and by telophase becomes bound to interzonal microtubules of the mitotic spindle. It is likely that CENP-E serves as a chromosome motor during anaphase.
Product Categories/Family for anti-CENP-E antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	320kDa
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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/cenp-e-antibody-clone-1h12-immunofluorescence-immunocytochemistry-elisa/59897>