

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

CENPM (C22orf18, ICEN39, PANE1, Centromere Protein M, Interphase Centromere Complex Protein 39, Proliferation-associated Nuclear Element Protein 1, MGC861, PANE1, BK250D10.2) (FITC)

CATALOG # AAA25038	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Immunoprecipitation, Western Blot
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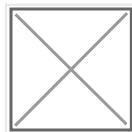
PRODUCT SYNONYMS

CENPM; Monoclonal Antibody; CENPM (C22orf18; ICEN39; PANE1; Centromere Protein M; Interphase Centromere Complex Protein 39; Proliferation-associated Nuclear Element Protein 1; MGC861; BK250D10.2) (FITC); anti-CENPM antibody

PRODUCT SPECIFICATIONS

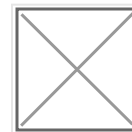
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	4C12-2C8
Specificity	Recognizes human C22orf18.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-CENPM antibody	ELISA, IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-181 from C22orf18 (AAH00705) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MSVLRLDKLPGLNTATILLVGTEALLQQLADSMKEDCASELKVHLAKSLPLSSVNRPRIDLIVFVNLHLSKYSYLQNTESLRHVDASFFLGKVCFLATC
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C for up to 12 months. For immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge at 4 degree C for 10 minutes prior to use.

IMAGES



WB (Western Blot)

C22orf18 monoclonal antibody, Western Blot analysis of C22orf18 expression in K-562.



Application Data

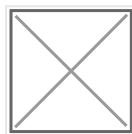
Detection limit for recombinant GST tagged C22orf18 is ~0.03ng/ml as a capture antibody.

**IP (Immunoprecipitation)**

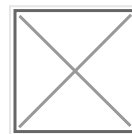
Immunoprecipitation of CENPM transfected lysate using CENPM monoclonal antibody and Protein A Magnetic Bead and immunoblotted with CENPM rabbit polyclonal antibody.

**IF (Immunofluorescence)**

Immunofluorescence of monoclonal antibody to MGC861 on HeLa cell. [antibody concentration 10ug/ml].

**WB (Western Blot)**

Western Blot analysis of CENPM expression in transfected 293T cell line by C22orf18 monoclonal antibody. Lane 1: CENPM transfected lysate (19.7kD). Lane 2: Non-transfected lysate.

**WB (Western Blot)**

Western Blot detection against Immunogen (45.91kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-CENPM antibody

[Antibodies](#); [Centromeres](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	34783063
NCBI GeneID	79019
Molecular Weight	11,687 Da
NCBI Official Full Name	Homo sapiens centromere protein M, mRNA
NCBI Official Synonym Full Names	centromere protein M
NCBI Official Symbol	CENPM
NCBI Official Synonym Symbols	PANE1; CENP-M; C22orf18
NCBI Protein Information	centromere protein M

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/cenpm-antibody-clone-4c12-2c8-immunofluorescence-immunoprecipitation-western-blot-elisa/25038>