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

Anti-INCENP Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14120	**Mouse**	**Human**	**Western Blot, Immunohistochemistry, Immunocytochemistry, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

INCENP; Monoclonal Antibody; Anti-INCENP Mouse mAb; anti-INCENP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3D2
Form/Format	Purified antibody in PBS with 0.05% sodium azide and 0.5% protein stabilizer;
Sequence Length	914
Applicable Applications for anti-INCENP antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Immunogen	Purified recombinant fragment of human INCENP (AA: 369-583) expressed in E Coli.

IMAGES



IHC (Immunohistchemistry)
Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using INCENP mouse mAb with DAB staining.



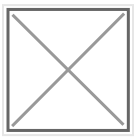
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using INCENP mouse mAb with DAB staining.



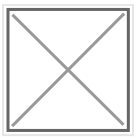
FCM (Flow Cytometry)
Flow cytometric analysis of Jurkat cells using INCENP mouse mAb (green) and negative control (red).



IF (Immunofluorescence)
Immunofluorescence analysis of HepG2 cells using INCENP mouse mAb (green). Blue



WB (Western Blot)
Western blot analysis using INCENP mAb against HEK293 (1) and INCENP (AA



WB (Western Blot)
Western blot analysis using INCENP mAb against human INCENP recombinant protein. (Expected MW is 50.2 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-INCENP antibody	Entrez Summary: In mammalian cells, 2 broad groups of centromere-interacting proteins have been described: constitutively binding centromere proteins and 'passenger, ' or transiently interacting, proteins (reviewed by Choo, 1997). The constitutive proteins include CENPA (centromere protein A; MIM 117139), CENPB (MIM 117140), CENPC1 (MIM 117141), and CENPD (MIM 117142). The term 'passenger proteins' encompasses a broad collection of proteins that localize to the centromere during specific stages of the cell cycle (Earnshaw and Mackay, 1994 [PubMed 8088460]). These include CENPE (MIM 117143); MCAK (MIM 604538); KID (MIM 603213); cytoplasmic dynein (e.g., MIM 600112); CliPs (e.g., MIM 179838); and CENPF/mitosin (MIM 600236). The inner centromere proteins (INCENPs) (Earnshaw and Cooke, 1991 [PubMed 1860899]), the initial members of the passenger protein group, display a broad localization along chromosomes in the early stages of mitosis but gradually become concentrated at centromeres as the cell cycle progresses into mid-metaphase. During telophase, the proteins are located within the midbody in the intercellular bridge, where they are discarded after cytokinesis

NCBI AND UNIPROT INFORMATION

NCBI GI #	102467242
NCBI GeneID	3619
NCBI Accession #	NP_064623.2
NCBI GenBank Nucleotide #	NM_020238.2
UniProt Accession #	Q9NQS7; Q5Y192; A8MQD2
Molecular Weight	105.4
NCBI Official Full Name	inner centromere protein isoform 2
NCBI Official Synonym Full Names	inner centromere protein
NCBI Official Symbol	INCENP
NCBI Protein Information	inner centromere protein
UniProt Protein Name	Inner centromere protein
UniProt Gene Name	**INCENP**

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/incenp-antibody-clone-3d2-western-blot-immunohistochemistry-immunocytochemistry-flow-cytometry-elisa/14120