Datasheet for ABIN1844019

anti-INCENP antibody (AA 369-583)

8 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	INCENP
Binding Specificity:	AA 369-583
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA, Immunohistochemistry (IHC), Immunofluorescence (fixed cells) (IF/ICC)

Product Details

Immunogen:	Purified recombinant fragment of human INCENP (AA: 369-583) expressed in E. Coli.
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	INCENP
Alternative Name:	INCENP (INCENP Products)
Background:	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

Target Details

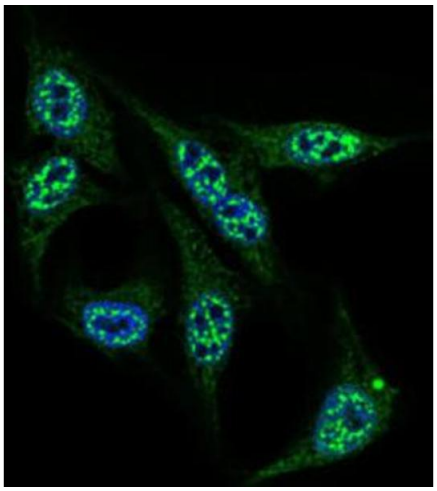
	'passenger proteins' encompasses a broad collection of proteins that localize to the centromere during specific stages of the cell cycle (Earnshaw and Mackay, 1994 [PubMed 8088460]). These include CENPE (MIM 117143), MCAK (MIM 604538), KID (MIM 603213), cytoplasmic dynein (e.g., MIM 600112), CliPs (e.g., 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.
Molecular Weight:	105.4 kDa
Gene ID:	3619
UniProt:	Q9NQS7
Pathways:	Cell Division Cycle

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

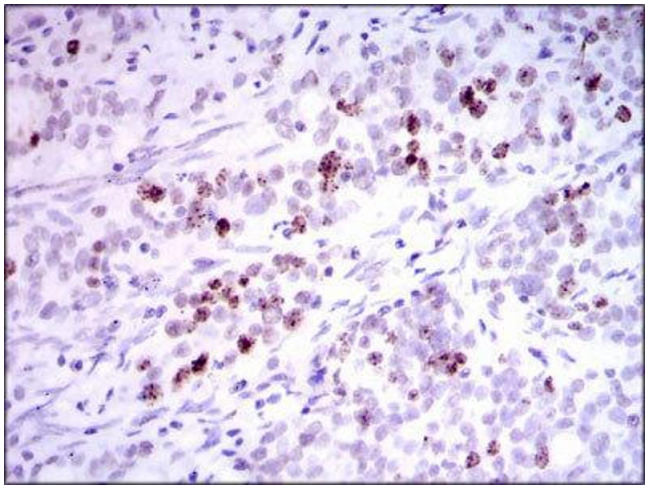
Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 0.5 % protein stabilizer.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.



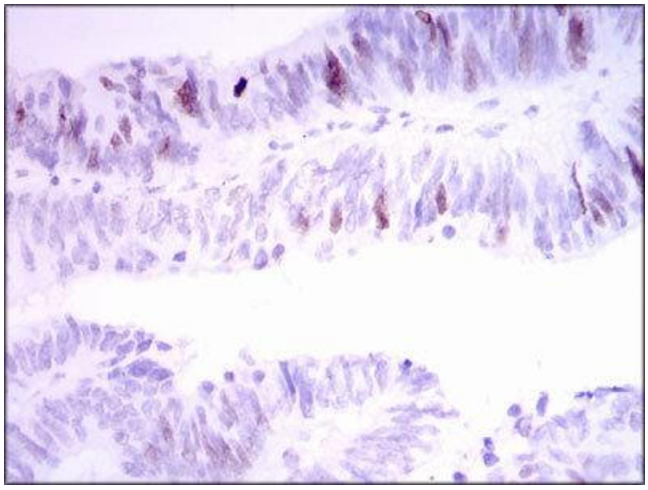
Immunofluorescence

Image 1. Immunofluorescence analysis of HepG2 cells using INCENP antibody (green). Blue: DRAQ5 fluorescent DNA dye.



Immunohistochemistry

Image 2.



Immunohistochemistry

Image 3.

Please check the product details page for more images. Overall 8 images are available for ABIN1844019.