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Datasheet for ABIN969529

## anti-INCENP antibody (AA 369-583)

7 Images

2 Publications

### Overview

Quantity:	0.1 mg
Target:	INCENP
Binding Specificity:	AA 369-583
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This INCENP antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA, Immunocytochemistry (ICC), Immunohistochemistry (IHC)

### Product Details

Immunogen:	Purified recombinant fragment of human INCENP (AA: 369-583) expressed in E. coli.
Clone:	3D2
Isotype:	IgG1
Purification:	purified

### Target Details

Target:	INCENP
Alternative Name:	INCENP ( <a href="#">INCENP Products</a> )
Background:	Description: In mammalian cells, 2 broad groups of centromere-interacting proteins have been

## Target Details

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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

Aliases: N/A

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Molecular Weight: 105.4 kDa

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Gene ID: 3619

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HGNC: 3619

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Pathways: [Cell Division Cycle](#)

## Application Details

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Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Purified antibody in PBS with 0.05 % sodium azide

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C/-20 °C

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Storage Comment: 4°C, -20°C for long term storage

## Publications

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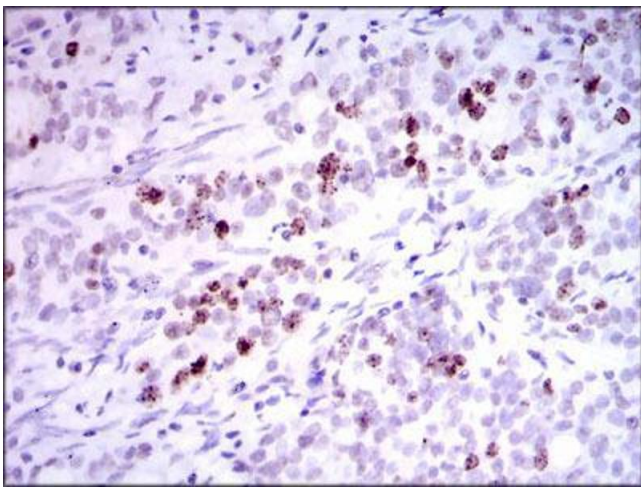
Product cited in:

Dupasquier, Abdel-Samad, Glazer, Bastide, Jay, Joubert, Cavaillès, Blache, Quittau-Prévostel: "A new mechanism of SOX9 action to regulate PKCalpha expression in the intestine epithelium." in: **Journal of cell science**, Vol. 122, Issue Pt 13, pp. 2191-6, (2009) ([PubMed](#)).

Gordon, Tan, Benko, Fitzpatrick, Lyonnet, Farlie: "Long-range regulation at the SOX9 locus in development and disease." in: **Journal of medical genetics**, Vol. 46, Issue 10, pp. 649-56, (2009) ([PubMed](#)).

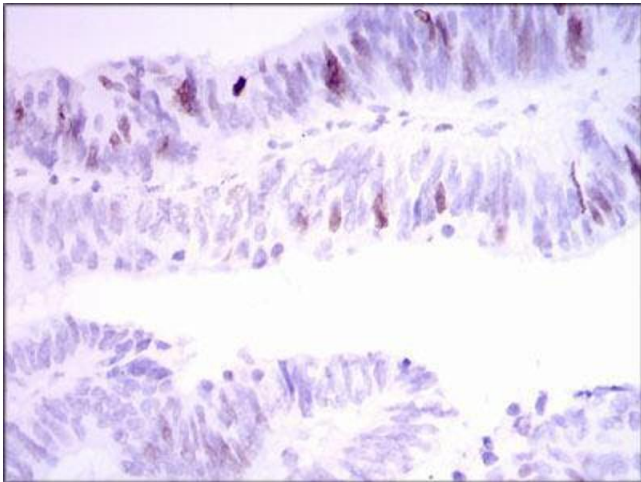
## Images

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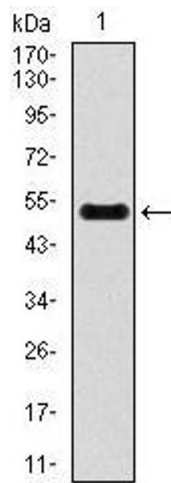
### Immunohistochemistry

**Image 1.** Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using INCENP mouse mAb with DAB staining.



### Immunohistochemistry

**Image 2.** Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using INCENP mouse mAb with DAB staining.



### Western Blotting

**Image 3.** Western blot analysis using INCENP mAb against human INCENP recombinant protein. (Expected MW is 50.2 kDa)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN969529.