


Product datasheet

Anti-INCENP antibody ab12183

★★★★★ 6 Abreviews 22 References

Overview

Product name	Anti-INCENP antibody
Description	Rabbit polyclonal to INCENP
Host species	Rabbit
Tested applications	Suitable for: IP, ICC, WB, ICC/IF, IHC-Fr
Species reactivity	Reacts with: Mouse, Rat, Human, Xenopus laevis Predicted to work with: Chicken 
Immunogen	Synthetic peptide: SKPRYHKRTSSAVWNSP (with N-terminal added cysteine) conjugated to KLH, corresponding to amino acids 884-901 of Human INCENP.

 [Run BLAST with](#)

 [Run BLAST with](#)

General notes

If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilutions should be discarded if not used within 12 hours. There is some debate about whether this antibody is suitable for use in IF and we would be most interested to hear from researchers who test this antibody in this application. The antibody has been reported to be suitable for use in IF at a dilution of 1/100 using HeLa cells (see image below). However, one of our customers used this product in HeLa cells and reported an unusual staining pattern - please see the enquiries section of the online datasheet for further details.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.40 Preservative: 0.097% Sodium azide

	Constituent: 0.0268% PBS
Purity	IgG fraction
Purification notes	Whole antiserum is fractionated and then further purified by ion-exchange chromatography to provide the IgG fraction of antiserum that is essentially free of other rabbit serum proteins.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab12183 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
ICC	★★★★★ (2)	Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.
ICC/IF	★★★★★ (3)	Use at an assay dependent concentration.
IHC-Fr	★★★★★ (1)	Use at an assay dependent concentration.

Target

Function	Component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly. Probably acts through association with AURKB or AURKC. Seems to bind directly to microtubules. Controls the kinetochore localization of BUB1.
Sequence similarities	Belongs to the INCENP family.
Cellular localization	Chromosome > centromere. Cytoplasm > cytoskeleton > spindle. Nucleus. Chromosome > centromere > kinetochore. Localizes to inner kinetochore. Localizes on chromosome arms and inner centromeres from prophase through metaphase and then transferring to the spindle midzone and midbody from anaphase through cytokinesis. Colocalizes with AURKB at mitotic chromosomes.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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