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Datasheet for ABIN7464494
anti-CENPF antibody (AA 1759-2093)

Overview

Quantity:	100 µL
Target:	CENPF
Binding Specificity:	AA 1759-2093
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CENPF antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro)), Flow Cytometry (FACS)

Product Details

Immunogen:	Protein fragment expressed in E. coli corresponding to amino acids 1759-2093.
Clone:	14C10 1D8
Isotype:	IgG2a
Cross-Reactivity:	Human
Purification:	Protein G purified

Target Details

Target:	CENPF
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Target Details

Alternative Name:	centromere protein F (CENPF Products)
Background:	Centromere protein F , CENF , CILD31 , PRO1779 , STROMS , hcp-1,This gene encodes a protein that associates with the centromere-kinetochore complex. The protein is a component of the nuclear matrix during the G2 phase of interphase. In late G2 the protein associates with the kinetochore and maintains this association through early anaphase. It localizes to the spindle midzone and the intracellular bridge in late anaphase and telophase, respectively, and is thought to be subsequently degraded. The localization of this protein suggests that it may play a role in chromosome segregation during mitosis. It is thought to form either a homodimer or heterodimer. Autoantibodies against this protein have been found in patients with cancer or graft versus host disease. [provided by RefSeq, Jul 2008]
Molecular Weight:	358 kDa
Gene ID:	1063
UniProt:	P49454
Pathways:	Chromatin Binding , M Phase , SARS-CoV-2 Protein Interactome , The Global Phosphorylation Landscape of SARS-CoV-2 Infection

Application Details

Application Notes:	WB: 1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HeLa (G2 phase) Validation: Orthogonal
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, No Preservative
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.