Datasheet for ABIN7468638

anti-NDC80 antibody (AA 56-642)

Go to Product page

Overview

Quantity:	100 µL
Target:	NDC80
Binding Specificity:	AA 56-642
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NDC80 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC), Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro)), Proximity Ligation Assay (PLA)

Product Details

Immunogen:	Human HEC1 protein consisting of amino acids 56-642.
Clone:	9G3-23
Isotype:	IgG2a
Cross-Reactivity:	Hamster, Human, Kangaroo rat (Dipodomys sp.), Mouse
Purification:	Affinity purified by Protein A.

Target Details

Target:	NDC80

Target Details

Alternative Name:	NDC80 kinetochore complex component (NDC80 Products)
Background:	Synonyms: NDC80 kinetochore complex component , HEC , HEC1 , HsHec1 , KNTC2 , TID3 , hsNDC80 Background: This gene encodes a component of the NDC80 kinetochore complex. The encoded protein consists of an N-terminal microtubule binding domain and a C-terminal coiled-coiled domain that interacts with other components of the complex. This protein functions to organize and stabilize microtubule-kinetochore interactions and is required for proper chromosome segregation. [provided by RefSeq, Oct 2011]
Molecular Weight:	74 kDa
Gene ID:	10403
UniProt:	O14777
Pathways:	Maintenance of Protein Location

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T , A431 , HepG2 , HeLa, U87-MG NE nuclear extract 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.