

## NuMA Antibody FITC Conjugated

Catalog No: #C04754F

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## Description

Product Name	NuMA Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	HuB MsB RtB B
Immunogen Description	KLH conjugated synthetic peptide derived from human NuMA
Conjugates	FITC
Target Name	NuMA
Other Names	NUMA 1; NuMA protein; NUMA1; SP H antigen; Structural nuclear protein; Centrophilin stabilizes mitotic spindle in mitotic cells; Nuclear mitotic apparatus protein 1; Nuclear mitotic apparatus protein; NUMA1_HUMAN.
Accession No.	NCBI Gene ID4926
Uniprot	Q14980
GeneID	4926;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

IF=1:50-200B

## Background

NuMA (Nuclear Mitotic Apparatus Protein) is an intranuclear protein and present in nucleus during interphase. At the onset of mitosis, it redistributes from the nucleus to two centrosomal structures that later will become part of the mitotic spindle pole. After anaphase, the protein redistributes from the spindle polar region into reforming nucleus. NuMA is an essential protein during mitosis for the terminal phases of chromosome separation and or nuclear reassembly. Recently a study shows that NuMA is cleaved to a 180 to 200kDa during apoptosis.

Note: This product is for in vitro research use only