



NUP85 Mouse mAb

Catalog No	YP-mAb-19255
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	NUP85 NUP75 PCNT1
Immunogen	Synthesized peptide derived from human NUP85
Specificity	This antibody detects endogenous levels of NUP85 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Nup75;FROUNT;NPHS17;NUP85;NUP85 NUP75 PCNT1;Nuclear pore complex protein Nup85 (85 kDa nucleoporin) (FROUNT) (Nucleoporin Nup75) (Nucleoporin Nup85) (Pericentrin-1)
Observed Band	70kDa
Calculated Molecular Weight	75kDa
Cell Pathway	Nucleus, nuclear pore complex . Chromosome, centromere, kinetochore . Cytoplasm, cytoskeleton, spindle . Cytoplasm . Nucleus membrane . During mitosis, localizes to the kinetochores and spindle poles (PubMed:12718872, PubMed:16807356). Upon CCl2 stimulation translocates from the cytoplasm to the membrane and colocalizes with CCR2 at the front of migrating cells (PubMed:15995708). .
Tissue Specificity	
Function	Essential component of the nuclear pore complex (NPC) that seems to be required for NPC assembly and maintenance . As part of the NPC Nup107-160 subcomplex plays a role in RNA export and in tethering NUP96/Nup98 and NUP153 to the nucleus . The Nup107-160 complex seems to be required for spindle assembly during mitosis . NUP85 is required for membrane clustering of CCL2-activated CCR2 . Seems to be involved in CCR2-mediated chemotaxis of



monocytes and may link activated CCR2 to the phosphatidyl-inositol 3-kinase-Rac-lammellipodium protrusion cascade . Involved in nephrogenesis .

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images