



DC1I2 Monoclonal Antibody

Catalog No	YP-mAb-05503
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	DYNC1I2 DNCI2 DNCIC2
Protein Name	Cytoplasmic dynein 1 intermediate chain 2 (Cytoplasmic dynein intermediate chain 2) (Dynein intermediate chain 2, cytosolic) (DH IC-2)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	DC1I2 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	70kD
Cell Pathway	Cytoplasm, cytoskeleton . Cytoplasm . Detected in the cytoplasm of pachytene spermatocytes. Localizes to the manchette in elongating spermatids. .
Tissue Specificity	Brain,Cajal-Retzius cell,Endometrium,Epithelium,Kidney,Skin
Function	function:The intermediate chains seem to help dynein bind to dynactin 150 kDa component.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,sequence caution:Unlikely isoform. Several sequence problems.,similarity:Belongs to the dynein intermediate chain family.,similarity:Contains 7 WD repeats.,subunit:Consists of at least two heavy chains and a number of intermediate and light chains.,
Background	This gene encodes a member of the dynein intermediate chain family. The encoded protein is a non-catalytic component of the cytoplasmic dynein 1 complex, which acts as a retrograde microtubule motor to transport organelles and vesicles. A pseudogene of this gene is located on chromosome 10. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012],

**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