Dynein intermediate chain 1 Rabbit mAb

Catalog No: #49670

Package Size: #49670-1 50ul #49670-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Dynein intermediate chain 1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JM11-38
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Other Names	Axonemal dynein intermediate chain 1 antibody Axonemal dynein intermediate chain 2 antibody CILD 1 antibody CILD1 antibody Cytoplasmic dynein 1 intermediate chain 1 antibody Cytoplasmic dynein 1 intermediate chain 2 antibody Cytoplasmic dynein intermediate chain 1 antibody Cytoplasmic dynein intermediate chain 2 antibody DH IC 1 antibody DH IC 2 antibody DIC1 antibody DNAI 1 antibody DNAI 2 antibody DNAI1 antibody DNAI1_HUMAN antibody DNAI2 antibody DNCI 2 antibody DNCI1 antibody DNCI2 antibody DNCIC 1 antibody DNCIC 2 antibody DNCIC1 antibody DNCIC2 antibody DYNC1I1 antibody DYNC1I2 antibody Dynein axonemal intermediate chain 1 antibody Dynein axonemal intermediate polypeptide 1 antibody Dynein axonemal intermediate polypeptide 2 antibody Dynein cytoplasmic intermediate polypeptide 1 antibody Dynein cytoplasmic intermediate polypeptide 2 antibody Dynein intermediate chain 1 axonemal antibody Dynein intermediate chain 1 cytosolic antibody Dynein intermediate chain 1, axonemal antibody Dynein intermediate chain 2 axonemal antibody Dynein intermediate chain 2 cytosolic antibody Dynein intermediate chain DNAI1 antibody IC74 antibody ICS antibody ICS1 antibody Immotile cilia syndrome 1 antibody MGC26204 antibody PCD antibody
Accession No.	Swiss-Prot#:Q9UI46
Uniprot	Q9UI46
GeneID	27019;
Calculated MW	79 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:1000IHC: 1:50-1:200

Background

Dyneins are multisubunit, high molecular weight ATPases that interact with microtubules to generate force by converting the chemical energy of ATP into the mechanical energy of movement. Cytoplasmic or axonemal Dynein heavy, intermediate, light and light-intermediate chains are all components of minus end-directed motors; the complex transports cellular cargos towards the central region of the cell. Axonemal Dynein motors contain one to three non-identical heavy chains and cause a sliding of microtubules in the axonemes of cilia and flagella in a mechanism necessary for cilia to beat and propel the cell. Cytoplasmic Dyneins, such as Dynein IC1, cytosolic and Dynein IC2, cytosolic, comprise an approximately 12 subunit complex of

two heavy chains, two intermediate chains to anchor Dynein to its cargo, four smaller intermediate chains and several light chains. This complex performs functions necessary for cell survival, such as organelle transport and centrosome assembly. The carboxy terminus of Dynein is important for microtubule-dependent motility and is highly conserved, while the amino terminal regions are more variable. Several proteins regulate Dynein activity, including dynactin, LIS1 and NudEL(NudE-like).

References

Note: This product is for in vitro research use only