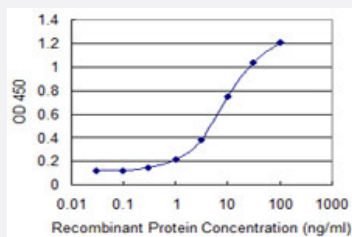


RPN1 monoclonal antibody (M03), clone 4B1-1E6

Catalog # H00006184-M03

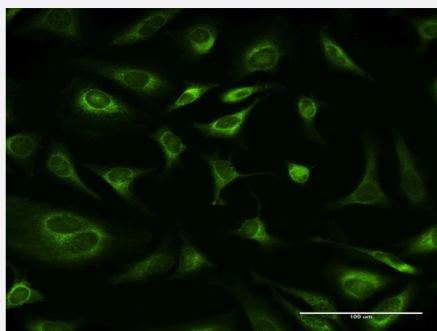
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RPN1 is 0.1 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to RPN1 on HeLa cell . [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant RPN1.

Immunogen

RPN1 (AAH10839, 24 a.a. ~ 607 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence	ASSEAPPLINEDVKRTVDLSSHLAKVTAEVVLAHLGGGSTSRATSFLLALEPELEARLAHLGVQV KGEDEEENNLEVRETKIKGKSGRFFTVKLPVALDPGAKISVIVETVYTHVLHPYPTQITQSEKQFVV FEGNHFYSPYPTKTQTMRVKLASRNVESYTKLGNPTRSEDLDDYGPFRDVPAYSQDTFKVHYEN NSPFLTITSMTRVIEVSHWGNIAVEENVDLKHTGAVLKGPFSTRYDYQRQPDSSGSISSFKILPAAA QDVYYRDEIGNVSTSHLLILDDSVEMEIRPRFLFGGWKTHYVGYNLPSYEYLYNLGDQYALKMRF VDHVFDEQVIDSLTVKIILPEGAKNIEIDSPYEISRAPDELHYTYLDTSGRPVIVAYKKNLVEQHIQDIV VHYTFNKVLMQLQEPLLVAIFYLFFTVIIVRLDFSITKDPAAEARMKVACITEQVLTLVNKRIGLYRH FDETVNRYKQSRDISTLNSGKKSLEAEHKALTSEIALLQSRLKTEGSDLCDRVSEMQKLDAQVKE LVLKSAVEAERLVAGKLKCDTYIENEKLISGKRQELVTKIDHILDAL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RPN1 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to RPN1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — RPN1

Entrez GeneID	6184
GeneBank Accession#	BC010839
Protein Accession#	AAH10839

Gene Name	RPN1
Gene Alias	DKFZp686B16177, OST1, RBPH1
Gene Description	ribophorin I
Omim ID	180470
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a type I integral membrane protein found only in the rough endoplasmic reticulum. The encoded protein is part of an N-oligosaccharyl transferase complex that links high mannose oligosaccharides to asparagine residues found in the Asn-X-Ser/Thr consensus motif of nascent polypeptide chains. This protein forms part of the regulatory subunit of the 26S proteasome and may mediate binding of ubiquitin-like domains to this proteasome. [provided by RefSeq]
Other Designations	dolichyl-diphosphooligosaccharide-protein glycosyltransferase 67 kDa subunit

Pathway

- [Metabolic pathways](#)
- [N-Glycan biosynthesis](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)