IST1 Antibody / CHMP8 (RQ8664)

Catalog No.	Formulation	Size
RQ8664	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P53990
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells ELISA: 0.1-0.5ug/ml
Limitations	This IST1 antibody is available for research use only.



Description

IST1 homolog, also called CHMP8 and Charged multivesicular body protein 8, is a protein that in humans is encoded by the IST1 gene. This gene encodes a protein with MIT-interacting motifs that interacts with components of endosomal sorting complexes required for transport (ESCRT). ESCRT functions in vesicle budding, such as that which occurs during

membrane abscission in cytokinesis. There is a pseudogene for this gene on chromosome 19. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Application Notes

Optimal dilution of the IST1 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids E31-D331) was used as the immunogen for the IST1 antibody.

Storage

After reconstitution, the IST1 Antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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