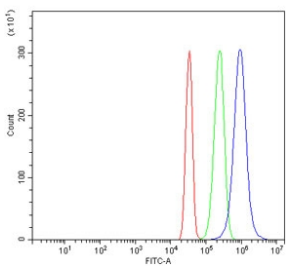
ERLEC1 Antibody / Endoplasmic reticulum lectin 1 (RQ6621)

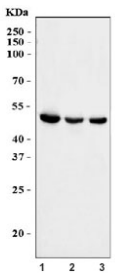
Catalog No.	Formulation	Size
RQ6621	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q96DZ1
Applications	Western blot: 1-2ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This ERLEC1 antibody is available for research use only.



Flow cytometry testing of human SiHa cells with ERLEC1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ERLEC1 antibody.



Western blot testing of human 1) HepG2, 2) U-87 MG and 3) HL60 cell lysate with ERLEC1 antibody. Predicted molecular weight ~55 kDa.

Description

Endoplasmic reticulum lectin 1 is a protein that in humans is encoded by the ERLEC1 gene. This gene encodes a resident endoplasmic reticulum (ER) protein that functions in N-glycan recognition. This protein is thought to be involved in ER-associated degradation via its interaction with the membrane-associated ubiquitin ligase complex. It also functions as a regulator of multiple cellular stress-response pathways in a manner that promotes metastatic cell survival. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 21.

Application Notes

Optimal dilution of the ERLEC1 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids L34-N483) was used as the immunogen for the ERLEC1 antibody.

Storage

After reconstitution, the ERLEC1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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