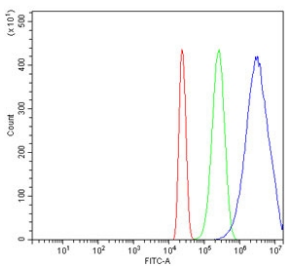
NUP58 Antibody / 58 kDa nucleoporin / Nucleoporin-like protein 1 (RQ6665)

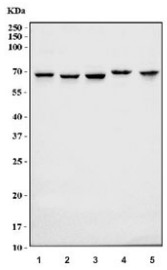
Catalog No.	Formulation	Size
RQ6665	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Rat
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	Q9BVL2
Applications	Western blot: 1-2ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This NUP58 antibody is available for research use only.



Flow cytometry testing of human HL60 cells with NUP58 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= NUP58 antibody.



Western blot testing of 1) human HeLa, 2) human Caco-2, 3) human HepG2, 4) human HCCT and 5) rat pancreas tissue lysate with NUP58 antibody. Predicted molecular weight: 58-61 kDa.

Description

This gene encodes a member of the nucleoporin family that shares 87% sequence identity with rat nucleoporin p58. The protein is localized to the nuclear rim and is a component of the nuclear pore complex (NPC). All molecules entering or leaving the nucleus either diffuse through or are actively transported by the NPC. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Application Notes

Optimal dilution of the NUP58 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids R235-E438) was used as the immunogen for the NUP58 antibody.

Storage

After reconstitution, the NUP58 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.