

NUP85 Recombinant antibody

Catalog Number: 83288-2-RR

Basic Information

Catalog Number:

83288-2-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7086

GenBank Accession Number:

BC000697

GeneID (NCBI):

79902

UNIPROT ID:

Q9BW27

Full Name:

nucleoporin 85kDa

Calculated MW:

75 kDa

Observed MW:

70 kDa

Purification Method:

Protein A purification

CloneNo.:

240116E10

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB : Jurkat cells, HeLa cells, K-562 cells, HepG2 cells, COLO 320 cells

Background Information

Nucleoporin 85 (Nup85) (also known as FROUNT) is a protein that in humans is encoded by the NUP85 gene. This gene encodes a protein component of the Nup107-160 subunit of the nuclear pore complex. Nuclear pore complexes are embedded in the nuclear envelope and promote bidirectional transport of macromolecules between the cytoplasm and nucleus. The encoded protein can also bind to the C-terminus of chemokine (C-C motif) receptor 2 (CCR2) and promote chemotaxis of monocytes, thereby participating in the inflammatory response.

Storage

Storage:

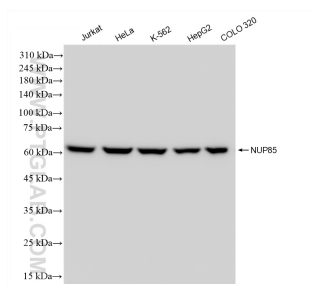
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

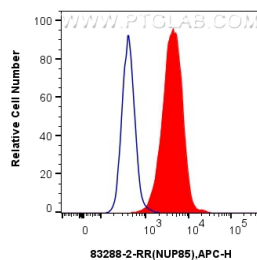
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83288-2-RR (NUP85 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



1x10⁶ MCF-7 cells were intracellularly stained with 0.25 ug NUP85 Recombinant antibody (83288-2-RR, Clone:240116E10) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).