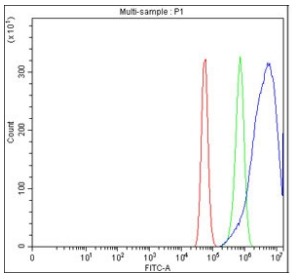
NUMBL Antibody / NUMB-like (RQ8647)

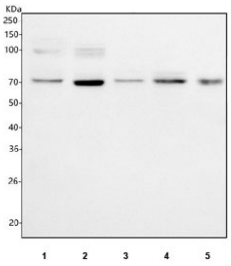
Catalog No.	Formulation	Size
RQ8647	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Q9Y6R0
Applications	Western blot: 1-2ug/ml Flow cytometry: 1-3ug/million cells ELISA: 0.1-0.5ug/ml
Limitations	This NUMBL antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human U-87 MG cells with NUMBL antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= NUMBL antibody.



Western blot testing of 1) human HeLa, 2) human U-87 MG, 3) rat brain, 4) mouse brain and 5) mouse lung tissue lysate with NUMBL antibody. Predicted molecular weight ~65 kDa, commonly observed at 65-70 kDa.

Description

Numb-like protein is a protein that in humans is encoded by the NUMBL gene. NUMBL [numb (drosophila) homolog-like] is functionally related to NUMB, a protein that plays an essential role in the determination of cell fate for sensory organ and neural development. Polyglutamine repeats in the NUMBL gene have been associated with schizophrenia in two unrelated populations. Alternate names for NUMBL include NBL, CAG3A, CTG3a, NUMBR, TNRC23, and NUMBLIKE.

Application Notes

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

Immunogen

An E.coli-derived human recombinant protein (amino acids R336-A537) was used as the immunogen for the NUMBL antibody.

Storage

After reconstitution, the NUMBL 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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