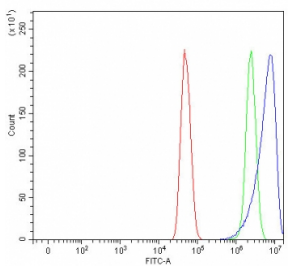
NHLRC2 Antibody / NHL repeat-containing protein 2 (RQ8260)

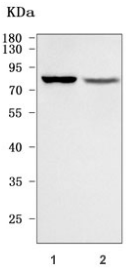
Catalog No.	Formulation	Size
RQ8260	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Q8NBF2
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This NHLRC2 antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human U-251 cells with NHLRC2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= NHLRC2 antibody.



Western blot testing of human 1) A431 and 2) HaCaT cell lysate with NHLRC2 antibody. Predicted molecular weight ~79 kDa.

Description

NHL Repeat Containing Protein 2, or NHLRC2, is a protein encoded by the NHLRC2 gene. NHLRC2 (NHL repeat containing 2) is a 726 amino acid protein that contains six NHL repeats and one thioredoxin domain. Existing as two alternatively spliced isoforms, NHLRC2 is encoded by a gene that maps to human chromosome 10q25.3. Spanning nearly 135 million base pairs, chromosome 10 makes up approximately 4.5% of total DNA in cells and encodes nearly 1,200 genes. Several protein-coding genes, including those that encode for chemokines, cadherins, excision repair proteins, early growth response factors (Egrs) and fibroblast growth receptors (FGFRs), are located on chromosome 10. Defects in some of the genes that map to chromosome 10 are associated with Charcot-Marie Tooth disease, Jackson-Weiss syndrome, Usher syndrome, nonsyndromatic deafness, WolmanÃ¯Â¿Â½s syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria.

Application Notes

Optimal dilution of the NHLRC2 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids E67-Q588) was used as the immunogen for the NHLRC2 antibody.

Storage

After reconstitution, the NHLRC2 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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