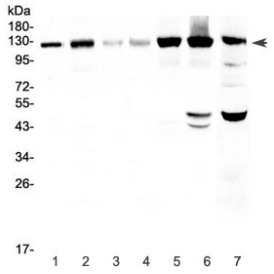
Eph Receptor A2 Antibody (RQ4038)

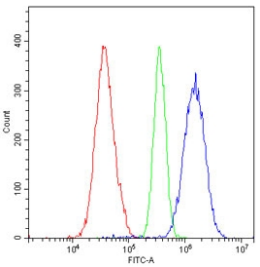
Catalog No.	Formulation	Size
RQ4038	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

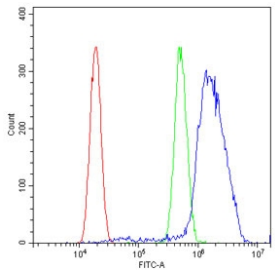
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P29317
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/10^6 cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Eph Receptor A2 antibody is available for research use only.



Western blot testing of human 1) HeLa, 2) U-87 MG, 3) SHG-44, 4) COLO320, 5) SKOV3, 6) A549 and 7) mouse HEPA1-6 cell lysate with Eph Receptor A2 antibody at 0.5ug/ml. Expected molecular weight: 108~130 kDa.



Flow cytometry testing of human A549 cells with Eph Receptor A2 antibody at 1ug/10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Eph Receptor A2 antibody.



Flow cytometry testing of human U-2 OS cells with Eph Receptor A2 antibody at 1ug/10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Eph Receptor A2 antibody.

Description

EPHA2 (Ephrin type-A receptor 2) also known as ECK, is a protein that in humans is encoded by the EPHA2 gene. This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. By somatic cell hybrid analysis and fluorescence in situ hybridization, the EPHA2 gene is mapped to chromosome 1p36.1. EPHA2 was readily detectable in human lens fiber cells using immunoblot and immunohistochemistry. EGFR and EPHA2 mediated HCV entry by regulating CD81 -claudin-1 (CLDN1) coreceptor associations and viral glycoprotein-dependent membrane fusion.

Application Notes

Optimal dilution of the Eph receptor A2 antibody should be determined by the researcher.

Immunogen

A recombinant human partial protein corresponding to amino acids M851-N970 was used as the immunogen for the Eph Receptor A2 antibody.

Storage

After reconstitution, the Eph Receptor A2 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