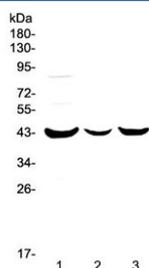


P2RY5 Antibody / P2Y Purinoceptor 5 / LPAR6 (RQ4219)

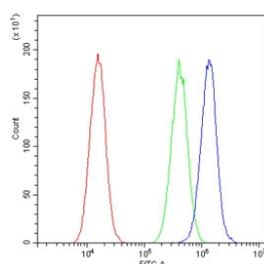
Catalog No.	Formulation	Size
RQ4219	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

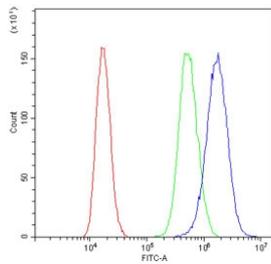
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P43657
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells
Limitations	This P2RY5 antibody is available for research use only.



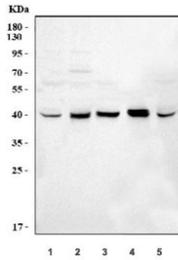
Western blot testing of human 1) MCF7, 2) HepG2 and 3) SK-OV-3 cell lysate with P2RY5 antibody at 0.5ug/ml. Predicted molecular weight ~39 kDa.



Flow cytometry testing of human A549 cells with P2RY5 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= P2RY5 antibody.



Flow cytometry testing of human PC-3 cells with P2RY5 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= P2RY5 antibody.



Western blot testing of human 1) HepG2, 2) RT4, 3) HaCaT, 4) T-47D and 5) A549 cell lysate with P2RY5 antibody at 0.5ug/ml. Predicted molecular weight ~39 kDa.

Description

Lysophosphatidic acid receptor 6 also known as LPA6, P2RY5, and GPR87, is a protein that in humans is encoded by the LPAR6 gene. The protein encoded by this gene belongs to the family of G-protein coupled receptors, that are preferentially activated by adenosine and uridine nucleotides. This gene aligns with an internal intron of the retinoblastoma susceptibility gene in the reverse orientation. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the P2RY5 antibody should be determined by the researcher.

Immunogen

Amino acids DTIQNSIKMKNWSVRRSDFRFSEVHGAENFIQHNLQTLK were used as the immunogen for the P2RY5 antibody.

Storage

After reconstitution, the P2RY5 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.