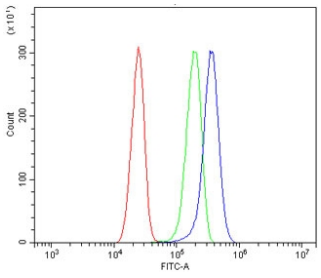
WNT5B Antibody (RQ5929)

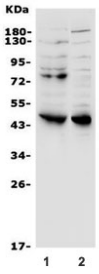
Catalog No.	Formulation	Size
RQ5929	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q9H1J7
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This WNT5B antibody is available for research use only.



Flow cytometry testing of human U-87 MG cells with WNT5B antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= WNT5B antibody.



Western blot testing of human 1) HEK293 and 2) SW620 lysate with WNT5B antibody. Expected molecular weight: 40-45 kDa.

Description

The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It encodes a protein which shows 94% and 80% amino acid identity to the mouse Wnt5b protein and the human WNT5A protein, respectively. Alternative splicing of this gene generates 2 transcript variants.

Application Notes

Optimal dilution of the WNT5B antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids Q18-K218) was used as the immunogen for the WNT5B antibody.

Storage

After reconstitution, the WNT5B 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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