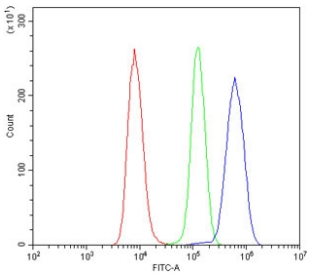
ITGAV Antibody / Integrin alpha V (RQ5735)

Catalog No.	Formulation	Size
RQ5735	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	P06756
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This ITGAV antibody is available for research use only.



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



Western blot testing of human 1) A549 and 2) A431 cell lysate with ITGAV antibody. Expected molecular weight: 116-150 kDa.

Description

Integrin alpha-V is a protein that in humans is encoded by the ITGAV gene. It is a member of the beta 3 integrin subfamily(cytoadhesins). The human locus for the av gene(VNRA) was previously mapped to the long arm of chromosome 2. Sims et al.(2000) localized the VNRA gene to 2q31. The gene contains 30 exons and spans over 93 kb of genomic DNA. It functions as a receptor for a group of proteins that includes vitronectin, fibrinogen, thrombospondin, and von Willebrand factor.

Application Notes

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

Immunogen

Recombinant human protein (amino acids H732-D970) was used as the immunogen for the ITGAV antibody.

Storage

After reconstitution, the ITGAV 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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