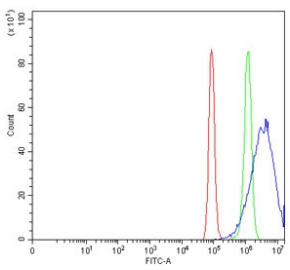
VPS36 Antibody / Eap45 (RQ7384)

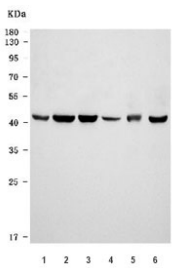
Catalog No.	Formulation	Size
RQ7384	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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
UniProt	Q86VN1
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This VPS36 antibody is available for research use only.



Flow cytometry testing of human PC-3 cells with VPS36 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= VPS36 antibody.



Western blot testing of 1) human HL60, 2) human ThP-1, 3) human MOLT4, 4) human U-937, 5) rat brain and 6) mouse brain tissue lysate with VPS36 antibody. Predicted molecular weight: 37-44 kDa (multiple isoforms).

Description

Vacuolar protein-sorting-associated protein 36 is a protein that in humans is encoded by the VPS36 gene. This gene encodes a protein that is a subunit of the endosomal sorting complex required for transport II (ESCRT-II). This protein complex functions in sorting of ubiquitinated membrane proteins during endocytosis. A similar protein complex in rat is associated with RNA polymerase elongation factor II.

Application Notes

Optimal dilution of the VPS36 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids M1-S386) was used as the immunogen for the VPS36 antibody.

Storage

After reconstitution, the VPS36 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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