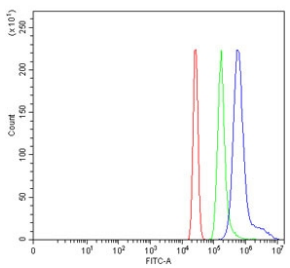
Vaccinia-related kinase 2 Antibody / VRK2 (RQ7359)

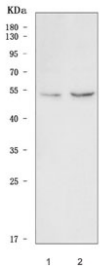
Catalog No.	Formulation	Size
RQ7359	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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
UniProt	Q86Y07
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This Vaccinia-related kinase 2 antibody is available for research use only.



Flow cytometry testing of human HL60 cells with Vaccinia-related kinase 2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Vaccinia-related kinase 2 antibody.



Western blot testing of human 1) K562 and 2) PC-3 cell lysate with Vaccinia-related kinase 2 antibody. Predicted molecular weight: 44-58 kDa (multiple isoforms).

Description

Serine/threonine-protein kinase VRK2 is an enzyme that in humans is encoded by the VRK2 gene. This gene encodes a member of the vaccinia-related kinase (VRK) family of serine/threonine protein kinases. The encoded protein acts as an effector of signaling pathways that regulate apoptosis and tumor cell growth. Variants in this gene have been associated with schizophrenia. Alternative splicing results in multiple transcript variants that differ in their subcellular localization and biological activity.

Application Notes

Optimal dilution of the Vaccinia-related kinase 2 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids K19-R491) was used as the immunogen for the Vaccinia-related kinase 2 antibody.

Storage

After reconstitution, the Vaccinia-related kinase 2 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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