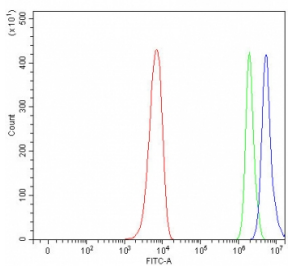
AS3 Antibody / PDS5B (RQ8007)

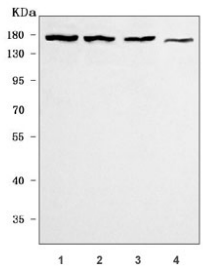
Catalog No.	Formulation	Size
RQ8007	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
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	Q9NTI5
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This AS3 antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human PC-3 cells with AS3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= AS3 antibody.



Western blot testing of 1) human MOLT4, 2) human Daudi, 3) human HEL and 4) mouse brain tissue lysate with AS3 antibody. Predicted molecular weight ~165 kDa.

Description

Sister chromatid cohesion protein PDS5 homolog B (PDS5B), also called Androgen-induced prostate proliferative shutoff-associated protein AS3, or simply 'AS3,' is a protein that in humans is encoded by the PDS5B gene. This gene encodes a protein that interacts with the conserved protein complex termed cohesin. The cohesin complex holds together sister chromatids and facilitates accurate chromosome segregation during mitosis and meiosis. This protein is also a negative regulator of cell proliferation and may be a tumor-suppressor gene.

Application Notes

Optimal dilution of the AS3 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids Q499-Q1424) was used as the immunogen for the AS3 antibody.

Storage

After reconstitution, the AS3 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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