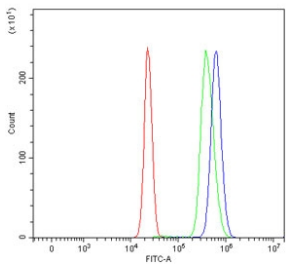
PDCD4 Antibody (RQ7299)

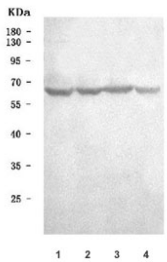
Catalog No.	Formulation	Size
RQ7299	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Q53EL6
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells
Limitations	This PDCD4 antibody is available for research use only.



Flow cytometry testing of human HepG2 cells with PDCD4 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PDCD4 antibody.



Western blot testing of human 1) HeLa, 2) 293T, 3) Jurkat and 4) T-47D cell lysate with PDCD4 antibody. Expected molecular weight: 50-60 kDa.

Description

Programmed cell death protein 4 (PDCD4) is a protein that in humans is encoded by the PDCD4 gene. It is mapped to 10q25.2. This gene is a tumor suppressor and encodes a protein that binds to the eukaryotic translation initiation factor 4A1 and inhibits its function by preventing RNA binding. It also encodes a protein localized to the nucleus in proliferating cells. Expression of this gene is modulated by cytokines in natural killer and T cells. The gene product is thought to play a role in apoptosis but the specific role has not yet been determined.

Application Notes

Optimal dilution of the PDCD4 antibody should be determined by the researcher.

Immunogen

Amino acids YDVEEVDVKDPNYDDDQENCVYE were used as the immunogen for the PDCD4 antibody.

Storage

After reconstitution, the PDCD4 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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