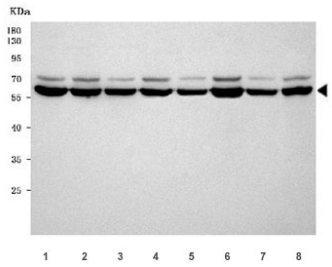
Programmed cell death protein 4 Antibody / PDCD4 (RQ8088)

Catalog No.	Formulation	Size
RQ8088	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	Q53EL6
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This Programmed cell death protein 4 antibody is available for research use only.



Western blot testing of 1) human HeLa, 2) human 293T, 3) human Jurkat, 4) human MCF7, 5) rat brain, 6) rat RH35, 7) mouse brain and 8) mouse NIH 3T3 cell lysate with Programmed cell death protein 4 antibody. Predicted molecular weight ~52 kDa. A doublet resulting from phosphorylation of the protein may be observed.

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 Programmed cell death protein 4 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids D160-L363) was used as the immunogen for the Programmed cell death protein 4 antibody.

Storage

After reconstitution, the Programmed cell death protein 4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

References (1)

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