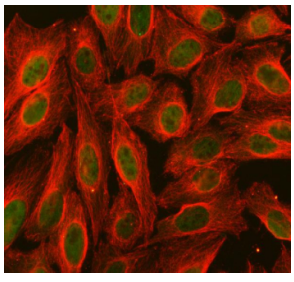
PDCD2 Antibody / Programmed cell death protein 2 (RQ8910)

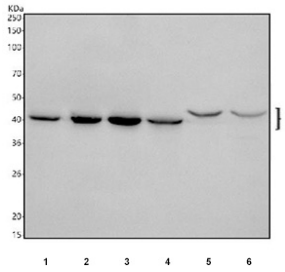
Catalog No.	Formulation	Size
RQ8910	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

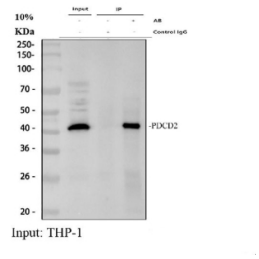
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q16342
Localization	Nuclear
Applications	Western blot: 0.5-1ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells Immunoprecipitation: 2ug per 500ug of lysate
Limitations	This PDCD2 antibody is available for research use only.



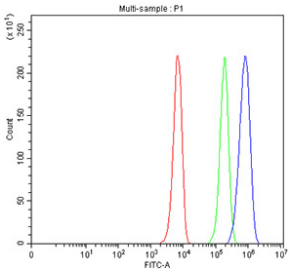
Immunofluorescent staining of FFPE human U-2 OS cells with PDCD2 antibody (green) and Alpha Tubulin mAb (red). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human HeLa, 2) human Jurkat, 3) human K562, 4) human ThP-1, 5) rat liver and 6) mouse liver tissue lysate with PDCD2 antibody. Expected molecular weight: 39-45 kDa.



Immunoprecipitation of PDCD2 protein from 500ug of human ThP-1 whole cell lysate with 2ug of PDCD2 antibody.



Flow cytometry testing of fixed and permeabilized human K562 cells with PDCD2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PDCD2 antibody.

Description

Programmed cell death protein 2 (PDCD2) is a conserved nuclear protein implicated in the regulation of cell survival, apoptosis, and transcriptional control. It is widely expressed across tissues and has been shown to play essential roles in embryonic development and hematopoiesis.

PDCD2 is thought to act as a transcriptional regulator through its zinc finger-MYND domain, influencing gene expression programs that control proliferation and differentiation. Altered PDCD2 function has been linked to abnormal cell growth, cancer biology, and immune regulation, making it an important protein for biomedical research.

Using a high-quality PDCD2 antibody enables reliable detection in applications such as western blot, immunohistochemistry, and immunofluorescence. A PDCD2 antibody from NSJ Bioreagents ensures specificity and reproducibility for studies on apoptosis, transcriptional regulation, and developmental biology. Selecting the right PDCD2 antibody is critical for producing consistent and accurate results.

Application Notes

Optimal dilution of the PDCD2 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids R7-Q254) was used as the immunogen for the PDCD2 antibody.

Storage

After reconstitution, the PDCD2 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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