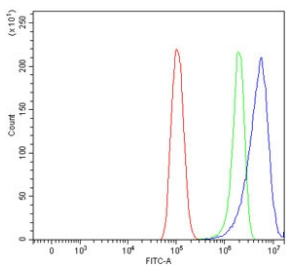
DSP Antibody / Desmoplakin (RQ6932)

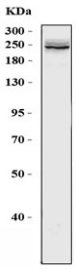
Catalog No.	Formulation	Size
RQ6932	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	P15924
Applications	Western blot: 0.5-1 ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This DSP antibody is available for research use only.



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



Western blot testing of human HepG2 cell lysate with DSP antibody at 0.5ug/ml. Predicted molecular weight: ~332 kDa (isoform DPI), ~260 kDa (isoform DPII), ~279 kDa (isoform DPIa).

Description

Desmoplakin is a protein in humans that is encoded by the DSP gene. This gene encodes a protein that anchors intermediate filaments to desmosomal plaques and forms an obligate component of functional desmosomes. Mutations in this gene are the cause of several cardiomyopathies and keratodermas, including skin fragility-woolly hair syndrome. Alternative splicing results in multiple transcript variants.

Application Notes

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

Immunogen

Recombinant human protein (amino acids N69-H2195) was used as the immunogen for the DSP antibody.

Storage

After reconstitution, the DSP 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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