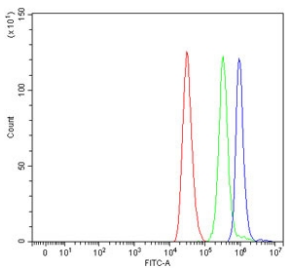
PALB2 Antibody / FANCN (RQ7019)

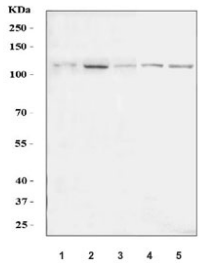
Catalog No.	Formulation	Size
RQ7019	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Q86YC2
Applications	Western Blot : 0.5-1 ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This PALB2 antibody is available for research use only.



Flow cytometry testing of human ThP-1 cells with PALB2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PALB2 antibody.



Western blot testing of 1) human HeLa, 2) human HepG2, 3) human MOLT-4, 4) rat liver and 5) mouse liver tissue lysate with PALB2 antibody. Predicted molecular weight ~131 kDa.

Description

Partner and localizer of BRCA2, also known as PALB2 or FANCN, is a protein which in humans is encoded by the PALB2 gene. This gene encodes a protein that may function in tumor suppression. This protein binds to and colocalizes with the breast cancer 2 early onset protein (BRCA2) in nuclear foci and likely permits the stable intranuclear localization and accumulation of BRCA2.

Application Notes

Optimal dilution of the PALB2 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids K45-S1186) was used as the immunogen for the PALB2 antibody.

Storage

After reconstitution, the PALB2 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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