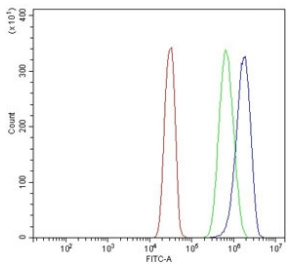
SEC23B Antibody (RQ6362)

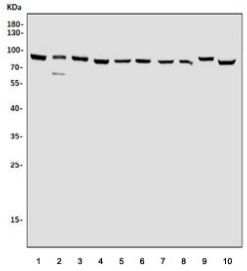
Catalog No.	Formulation	Size
RQ6362	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q15437
Localization	Cytoplasmic
Applications	0.5-1ug/ml1-3ug/million cells0.1-0.5ug/ml
Limitations	This SEC23B antibody is available for research use only.



Flow cytometry testing of human SiHa cells with SEC23B antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SEC23B antibody.



Western blot testing of human 1) Raji, 2) HepG2, 3) PC-3, 4) A549, 5) ThP-1, 6) HL60, 7) rat liver, 8) rat stomach, 9) mouse liver and 10) mouse RAW264.7 cell lysate with SEC23B antibody. Predicted molecular weight ~86 kDa.

Description

Protein transport protein Sec23B is a protein that in humans is encoded by the SEC23B gene. The protein encoded by this gene is a member of the SEC23 subfamily of the SEC23/SEC24 family, which is involved in vesicle trafficking. The encoded protein has similarity to yeast Sec23p component of COPII. COPII is the coat protein complex responsible for vesicle budding from the ER. The function of this gene product has been implicated in cargo selection and concentration. Multiple alternatively spliced transcript variants have been identified in this gene.

Application Notes

Optimal dilution of the SEC23B antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids R190-Q581) was used as the immunogen for the SEC23B antibody.

Storage

After reconstitution, the SEC23B 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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