Datasheet for ABIN7600429

anti-Sec23 Homolog B antibody (AA 190-581)

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Overview

Quantity:	100 µg
Target:	Sec23 Homolog B (SEC23B)
Binding Specificity:	AA 190-581
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Sec23 Homolog B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-SEC23B Antibody Picoband®
Immunogen:	E.coli-derived human SEC23B recombinant protein (Position: R190-Q581).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SEC23B Antibody Picoband® (ABIN7600429). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	Sec23 Homolog B (SEC23B)
Alternative Name:	SEC23B (SEC23B Products)
Background:	Synonyms: T-lymphocyte surface antigen Ly-9, Cell surface molecule Ly-9, Lymphocyte antigen 9, SLAM family member 3, SLAMF3, Signaling lymphocytic activation molecule 3, CD229, LY9, CDABP0070 Tissue Specificity: Increased surface expression on T-cells of systemic lupus erythematosus (SLE) patients. Background: 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.
Molecular Weight:	86 kDa
Gene ID:	10483
UniProt:	Q15437

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Bianchi, P., Fermo, E., Vercellati, C., Boschetti, C., Barcellini, W., Iurlo, A., Marcello, A. P., Righetti, P. G., Zanella, A. Congenital dyserythropoietic anemia type II (CDAII) is caused by mutations in the SEC23B gene. Hum. Mutat. 30: 1292-1298, 2009. 2. Gross, M. B. Personal Communication. Baltimore, Md. 7/16/2018. 3. Hamosh, A. Personal Communication. Baltimore, Md. 7/11/2018.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.