

Datasheet for ABIN7602830
anti-CMBL antibody (C-Term)



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Overview

Quantity:	100 µg
Target:	CMBL
Binding Specificity:	C-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CMBL antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-LOC134147/CMBL Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of mouse LOC134147/CMBL, which shares 88.2% and 94.1% amino acid (aa) sequence identity with human and rat LOC134147/CMBL, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-L/CMBL Antibody Picoband® (ABIN7602830). Tested in Flow Cytometry, WB applications. This antibody reacts with 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.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target:	CMBL
Alternative Name:	Cmb1 (CMBL Products)
Background:	<p>Synonyms: Meiotic recombination protein REC8 homolog, Cohesin Rec8p, REC8, REC8L1</p> <p>Tissue Specificity: Expressed in testis and thymus. Expressed in the B-cell lines WI-L2-NS and Namalwa.</p> <p>Background: CMBL is a cysteine hydrolase of the diene lactone hydrolase family that is highly expressed in liver cytosol. CMBL preferentially cleaves cyclic esters, and it activates medoxomil-ester prodrugs in which the medoxomil moiety is linked to an oxygen atom.</p>
Molecular Weight:	28 kDa
Gene ID:	69574
UniProt:	Q8R1G2

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Mouse, Rat</p> <p>Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Mouse</p> <p>1. Ishizuka, T., Fujimori, I., Kato, M., Noji-Sakikawa, C., Saito, M., Yoshigae, Y., Kubota, K., Kurihara, A., Izumi, T., Ikeda, T., Okazaki, O. Human carboxymethylenebutenolidase as a bioactivating hydrolase of olmesartan medoxomil in liver and intestine. J. Biol. Chem. 285: 11892-11902, 2010.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.01 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

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.