

Datasheet for ABIN7599150
anti-CMBL antibody (AA 1-246)



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Overview

Quantity:	100 µg
Target:	CMBL
Binding Specificity:	AA 1-246
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CMBL antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-LOC134147/CMBL Antibody Picoband®
Immunogen:	E.coli-derived human LOC134147/CMBL recombinant protein (Position: M1-M246).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-LOC134147/CMBL Antibody Picoband® catalog # A04921-1. Tested in ELISA, Flow Cytometry, IHC, 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:	CMBL
Alternative Name:	CMBL (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:	134147

Application Details

Application Notes:	<p>Western blot, 0.1-0.25 µg/mL, Human, Mouse, Rat</p> <p>Immunohistochemistry (Paraffin-embedded Section), 2-5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</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 Na ₂ HPO ₄ , 0.01 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C

Handling

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.