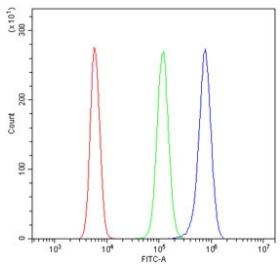
CMBL Antibody / LOC134147 (RQ5807)

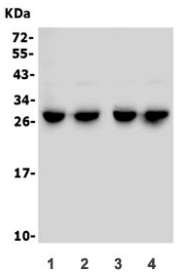
Catalog No.	Formulation	Size
RQ5807	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q8R1G2
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells
Limitations	This CMBL antibody is available for research use only.



Flow cytometry testing of mouse RAW264.7 cells with CMBL antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= CMBL antibody.



Western blot testing of 1) mouse liver, 2) mouse kidney, 3) rat liver and 4) rat kidney lysate with CMBL antibody. Predicted molecular weight ~28 kDa.

Description

CMBL is a cysteine hydrolase of the dienelactone 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.

Application Notes

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

Immunogen

Amino acids YIEEARRNLIEWLNKYV from the mouse protein were used as the immunogen for the CMBL antibody.

Storage

After reconstitution, the CMBL 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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