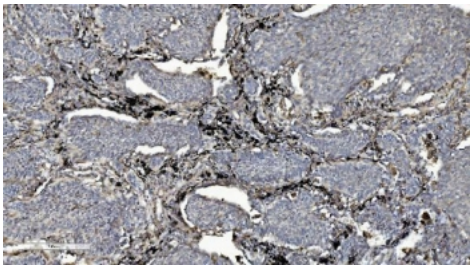
CMBL Antibody (RQ6089)

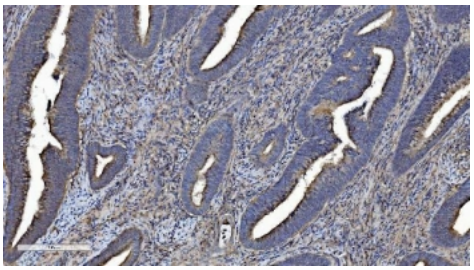
Catalog No.	Formulation	Size
RQ6089	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

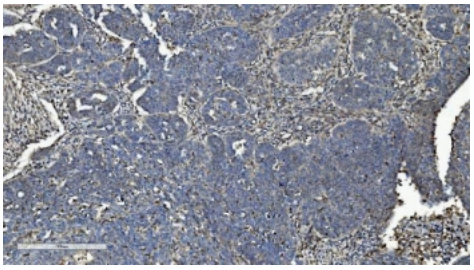
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q96DG6
Localization	Cytoplasmic
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This CMBL antibody is available for research use only.



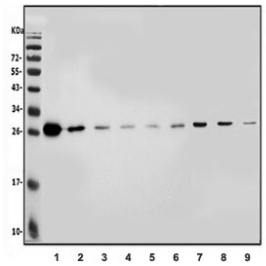
IHC staining of FFPE human lung cancer with CMBL antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



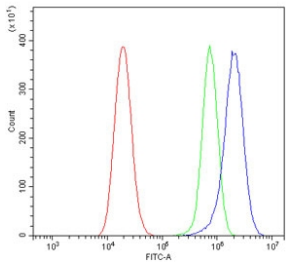
IHC staining of FFPE human colorectal cancer with CMBL antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human adnexal serous adenocarcinoma tissue with CMBL antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) K562, 2) PC-3, 3) HepG2, 4) HEK293, 5) A549, 6) U-87 MG, 7) rat liver, 8) rat kidney and 9) mouse kidney lysate with CMBL antibody. Predicted molecular weight ~28 kDa.



Flow cytometry testing of human U-2 OS cells with CMBL antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= CMBL antibody.

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

A human recombinant partial protein (amino acids M1-M246) was 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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