

## ARG57007 anti-CMBL antibody [2B11]

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [2B11] recognizes CMBL
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	2B11
Isotype	IgG2a, kappa
Target Name	CMBL
Species	Human
Immunogen	Recombinant fragment around aa. 1-245 of Human CMBL.
Conjugation	Un-conjugated
Alternate Names	JS-1; Carboxymethylenebutenolidase homolog; EC 3.1.-.-

### Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:5000

**Application Note** \* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

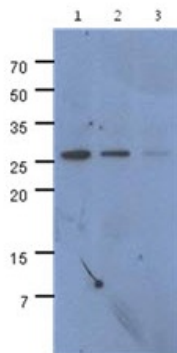
## Bioinformation

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Database links	<a href="#">GeneID: 134147 Human</a> <a href="#">Swiss-port # Q96DG6 Human</a>
Gene Symbol	CMBL
Gene Full Name	carboxymethylenebutenolidase homolog (Pseudomonas)
Background	CMBL (EC 3.1.1.45) 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 (Ishizuka et al., 2010 [PubMed 20177059]).[supplied by OMIM, Apr 2010]
Function	Cysteine hydrolase. Can convert the prodrug olmesartan medoxomil into its pharmacologically active metabolite olmerstatan, an angiotensin receptor blocker, in liver and intestine. May also activate beta-lactam antibiotics faropenem medoxomil and lenampicillin. [UniProt]
Calculated Mw	28 kDa

## Images

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ARG57007 anti-CMBL antibody [2B11] WB image

Western blot: 40 µg of HeLa cell lysate stained with ARG57007 anti-CMBL antibody [2B11] at 1) 1:500, 2) 1:1000, and 3) 1:5000 dilution.