

AM50020PU-S**Monoclonal Antibody to CMBL - Purified**

Alternate names:	Carboxymethylenebutenolidase homolog
Quantity:	50 µl
Concentration:	1.0 mg/ml
Background:	CMBL(carboxymethylenebutenolidase homolog) is a 245 amino acid cytosolic protein and cysteine hydrolase of the dienelactone hydrolase family that is highly expressed in liver cytosol. CMBL is the human homolog of Pseudomonas dienelactone hydrolase, a prot
Uniprot ID:	Q96DG6
NCBI:	NP_620164
GeneID:	134147
Host / Isotype:	Mouse / IgG2a
Recommended Isotype Controls:	AM03096PU-N
Clone:	AT2B11
Immunogen:	Recombinant human CMBL (1-245aa) purified from E. coli
Format:	State: Liquid purified Ig fraction Purification: Protein-G affinity chromatography Buffer System: PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol
Applications:	The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 1:5000. Recommended starting dilution is 1:500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Species: Human Other species not tested.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Ishizuka T, et al. (Apr 2010). J Biol Chem. 16;285(16):11892-902Yang X, et al. (Mar 2010). J Proteome Res. 5;9(3):1402-15.

Pictures:

The extracts of HeLa (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human CMBL antibody (1:500 ~ 1:5000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

