



Mouse anti-Human BLMH monoclonal antibody, clone 5B3 (CABT-B9856)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	BLMH (NP_000377, 356 a.a. ~ 455 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	5B3
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	NMNKAERLTFGESLMTHAMTFTAVSEKDDQDGAFTKWRVENSWGEDHGHKGYLCMTDEWF SEYVYEVVDRKHPVEVLAVLEQEPILPAWDPMGALA*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	Bleomycin hydrolase (BMH) is a cytoplasmic cysteine peptidase that is highly conserved through evolution; however, the only known activity of the enzyme is metabolic inactivation of
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the glycopeptide bleomycin (BLM), an essential component of combination chemotherapy regimens for cancer. The protein contains the signature active site residues of the cysteine protease papain superfamily. [provided by RefSeq, Jul 2008]

Keywords	BLMH; bleomycin hydrolase; BH; BMH; BLM hydrolase;
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GENE INFORMATION

Entrez Gene ID	642
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UniProt ID	Q13867
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Pathway	Adaptive Immunity Signaling, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem
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Function	aminopeptidase activity; carboxypeptidase activity; cysteine-type endopeptidase activity; cysteine-type peptidase activity; peptidase activity; protein binding
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