

博莱霉素水解酶抗体

产品货号： mlR11654

英文名称： BLMH

中文名称： 博莱霉素水解酶抗体

别名： BH; bleomycin hydrolase; BLM hydrolase; BMH; EC 3.4.22.40; BLMH_HUMAN.

研究领域： 细胞生物 神经生物学 Alzheimer's

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit, Sheep,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500

(石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 53kDa

细胞定位： 细胞浆

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human BLMH:308-400/455

亚型： IgG

纯化方法： affinity purified by Protein A

储存液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed： PubMed

产品介绍： 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 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].

Function:

BLMH is a member of the peptidase C1 family and exists as a homohexamer. While its normal physiological function is not known, it protects normal and malignant cells from the glycopeptide antitumor drug BLM. It inactivates bleomycin B2 (a cytotoxic glycometallopeptide) by hydrolysis of a carboxamide bond of beta-aminoalanine and also shows general aminopeptidase activity. The specificity varies but amino acid arylamides of Met, Leu and Ala are preferred.

Subunit:

Homohexamer.

Subcellular Location:

Cytoplasmic

Similarity:

Belongs to the peptidase C1 family.

SWISS:

Q13867

Gene ID:

642

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

