

Anti-BLMH Antibody

Catalog Number: A07536-1

About BLMH

BLMH(Bleomycin hydrolase) is also named as BH, BMH and belongs to the peptidase C1 family. The gene is expressed in many human tissues with elevated expression levels found in testis, skeletal muscle, and pancreas, and low levels of expression in colon and peripheral blood leukocytes(PMID:8639621). The protein catalyzes the inactivation of the antitumor drug BLM (a glycopeptide) by hydrolyzing the carboxamide bond of its B-aminoalaninamide moiety thus protecting normal and malignant cells from BLM toxicity. BH-immunoreactivity is essentially located in the cytoplasm and at the outer membrane of the rough endoplasmic reticulum of epithelial cells of the kidney, as well as in that of hepatocytes of the liver(PMID:17158865).

Overview

Product Name	Anti-BLMH Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-BLMH Antibody catalog # A07536-1. Tested in WB, IHC, ICC/IF, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IP, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q13867

Technical Details

Immunogen	E.coli-derived human BLMH recombinant protein (Position: G130-A452).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000

Immunohistochemistry, 1:50-400
Immunocytochemistry/Immunofluorescence, 1:50-400
ImmunoPrecipitation, 1:250-300
ELISA, 1:100-1000

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Anti-BLMH Antibody

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