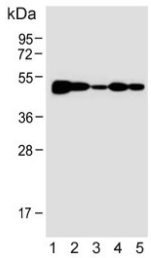
Bleomycin hydrolase Antibody / BLMH (F54739)

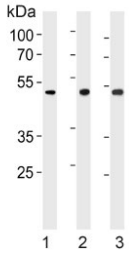
Catalog No.	Formulation	Size
F54739-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54739-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

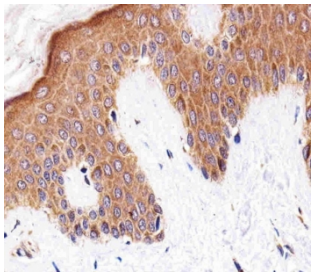
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q13867
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:1000
Limitations	This Bleomycin hydrolase antibody is available for research use only.



Western blot testing of human 1) HL60, 2) CCRF-CEM, 3) SH-SY5Y, 4) MOLT4 and 5) mouse Neuro-2a cell lysate with Bleomycin hydrolase antibody. Predicted molecular weight ~53 kDa.



Western blot testing of 1) human L562, 2) mouse stomach and 3) rat stomach lysate with Bleomycin hydrolase antibody. Predicted molecular weight ~53 kDa.



IHC testing of FFPE human skin tissue with Bleomycin hydrolase antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

The normal physiological role of BLM hydrolase is unknown, but it 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 (By similarity).

Application Notes

The stated application concentrations are suggested starting points. Titration of the Bleomycin hydrolase antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 212-242 from the human protein was used as the immunogen for the Bleomycin hydrolase antibody.

Storage

Aliquot the Bleomycin hydrolase antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.