



BPI Mouse mAb

Catalog No	YP-mAb-19114
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	BPI
Immunogen	Synthesized peptide derived from human BPI
Specificity	This antibody detects endogenous levels of BPI at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	rBPI;BPIFD1;BPI;Bactericidal permeability-increasing protein (BPI) (CAP 57)
Observed Band	55kDa
Calculated Molecular Weight	54kDa
Cell Pathway	Secreted . Cytoplasmic granule membrane . Membrane-associated in polymorphonuclear Leukocytes (PMN) granules. .
Tissue Specificity	Restricted to cells of the myeloid series.
Function	The cytotoxic action of BPI is limited to many species of Gram-negative bacteria; this specificity may be explained by a strong affinity of the very basic N-terminal half for the negatively charged lipopolysaccharides that are unique to the Gram-negative bacterial outer envelope. Has antibacterial activity against the Gram-negative bacterium P.aeruginosa, this activity is inhibited by LPS from P.aeruginosa.
Background	
matters needing attention	Avoid repeated freezing and thawing!



Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

