

BPI Antibody

Rabbit mAb Catalog # AP90695

Specification

BPI Antibody - Product Information

Application WB, FC, ICC Primary Accession P17213
Clonality Monoclonal

Other Names

rBPI; BPIFD1; CAP 57; BPI; Bactericidal permeability-increasing protein;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 53900 Da

BPI Antibody - Additional Information

Dilution **WB~~1:1000**

FC~~1:10~50 ICC~~N/A

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

BPI

Description 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-nagative bacterium P.aeruginosa, this activity is inhibited by LPS from

P.aeruginosa.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

BPI Antibody - Protein Information

Name BPI

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.

Cellular Location

Secreted. Cytoplasmic granule membrane Note=Membrane-associated in polymorphonuclear Leukocytes (PMN) granules.

Tissue Location

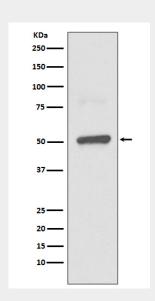
Restricted to cells of the myeloid series.

BPI Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

BPI Antibody - Images



Western blot analysis of BPI expression in THP1 lysate.