10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BPI Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP9060c

Specification

BPI Antibody (Center) Blocking Peptide - Product Information

Primary Accession P17213

BPI Antibody (Center) Blocking Peptide - Additional Information

Gene ID 671

Other Names
Bactericidal permeability-increasing protein, BPI, CAP 57, BPI

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP9060c was selected from the Center region of human BPI. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

BPI Antibody (Center) Blocking Peptide - 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.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BPI Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

BPI Antibody (Center) Blocking Peptide - Images

BPI Antibody (Center) Blocking Peptide - Background

BPI encodes a lipopolysaccharide binding protein. It is associated with human neutrophil granules and has bactericidal activity on gram-negative organisms.

BPI Antibody (Center) Blocking Peptide - References

Davila,S., et.al., Genes Immun. (2010) In pressGuey,L.T., et.al., Eur. Urol. 57 (2), 283-292 (2010)