

Product Datasheet

BPI Antibody

Catalog No: CY5692

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB ICC/IF FC



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Information

UniProt ID: P17213

All Names: rBPI; BPIFD1; CAP 57; BPI; Bactericidal permeability-increasing protein;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 54 kDa

Application

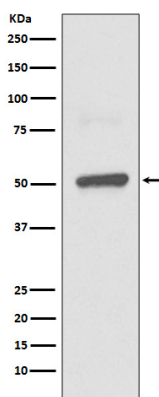
WB: 1:500~1:2000

ICC/IF: 1:50~1:200

FC: 1:50

Background

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*.



Western blot analysis of BPI expression in THP1 lysate.

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