

## **Anti-BPI Rabbit Monoclonal Antibody**

Catalog # ABO13258

## **Specification**

# **Anti-BPI Rabbit Monoclonal Antibody - Product Information**

Application WB, IF, ICC, FC

Primary Accession
Host
Rabbit
Isotype
Reactivity
Clonality
Format
Rabbit IgG
Human
Monoclonal
Liquid

**Description** 

Anti-BPI Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human.

# **Anti-BPI Rabbit Monoclonal Antibody - Additional Information**

Gene ID 671

**Other Names** 

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

Calculated MW 53900 MW KDa

**Application Details** 

WB 1:500-1:2000<br>ICC/IF 1:50-1:200<br>FC 1:50</br>

**Subcellular Localization** 

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

**Tissue Specificity** 

Restricted to cells of the myeloid series.

**Contents** 

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen** 

A synthesized peptide derived from human BPI

**Purification** 

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated



# freeze-thaw cycles.

# **Anti-BPI Rabbit Monoclonal 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**

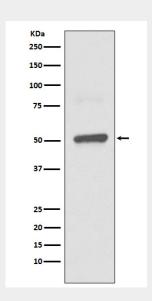
Restricted to cells of the myeloid series.

# **Anti-BPI Rabbit Monoclonal Antibody - Protocols**

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

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

### **Anti-BPI Rabbit Monoclonal Antibody - Images**



Western blot analysis of BPI expression in THP1 lysate.