Rabbit BPI Monoclonal Antibody | anti-BPI antibody

BPI Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312298	**Rabbit**	**Human, Zebrafish**	**Flow Cytometry, Functional Assay, Western Blot**

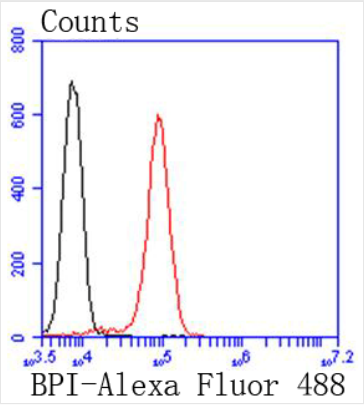
PRODUCT SYNONYMS

BPI; Monoclonal Antibody; BPI Antibody; Bactericidal permeability-increasing protein antibody; bactericidal/permeability-increasing protein antibody; BPI antibody; BPI fold containing family D; member 1 antibody; BPIFD1 antibody; CAP 57 antibody; rBPI antibody; recombinant BPI holoprotein; anti-BPI antibody

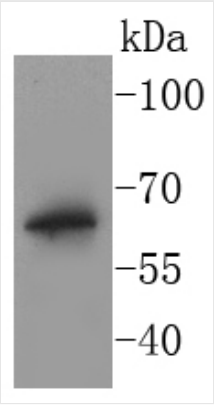
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Zebrafish
Clonality	Monoclonal
Clone Number	SN06-63
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-BPI antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of Jurkat cells with BPI antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of BPI on THP-1 cells lysates using anti-BPI antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-BPI antibody	The bactericidal permeability increasing protein (BPI) is an antibacterial and endotoxin-neutralizing molecule that is abundant in the granules of polymorphonuclear leukocytes (neutrophil granules). The 31.5-kb-long human BPI gene maps to chromosome 20q11.23-q12, contains 15 exons, and encodes a 456 amino acid protein. Epithelial cells which line mucosal surfaces are the first line of defense against bacterial invasion and infection. BPI localizes to the cell surface of epithelial cells and blocks endotoxin-mediated signaling, thereby protecting mucosal surfaces against gram-negative bacteria and their endotoxin. BPI, lipopolysaccharide binding protein (LBP), phospholipid transfer protein (PLTP), and cholesteryl ester transfer protein (CETP) constitutes a family of functionally related proteins.
Product Categories/Family for anti-BPI antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	157276599
NCBI GeneID	671
NCBI Accession #	NP_001716.2
NCBI GenBank Nucleotide #	NM_001725.2
UniProt Accession #	P17213; Q1ZZU8; Q5JRW0; Q8IW58; Q9BYZ9; Q9H1L2; Q9H1M8; Q9H203; Q9UCT4; Q9UD65; B2RCY2
NCBI Official Full Name	bactericidal permeability-increasing protein
NCBI Official Synonym Full Names	bactericidal/permeability-increasing protein
NCBI Official Symbol	BPI
NCBI Official Synonym Symbols	rBPI; BPIFD1
NCBI Protein Information	bactericidal permeability-increasing protein; BPI fold containing family D, member 1; CAP 57; recombinant BPI holoprotein, rBPI
UniProt Protein Name	Bactericidal permeability-increasing protein
UniProt Gene Name	**BPI**
UniProt Synonym Gene Names	BPI
UniProt Entry Name	BPI_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/bpi-antibody-clone-sn06-63-flow-cytometry-western-blot-elisa/312298