

Anti-BPI Antibody (8E973)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 54 kDa. Actual: 50 kDa.
Clone:	8E973
Purification:	Protein A purified

Applications

Verified Activity:	25 µg total protein per lane of various lysates (see on figure) probed with BPI monoclonal antibody, unconjugated (TMAB-03191) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB,ICC/IF,FCM
Recommended	WB: 1:500-2000; ICC/IF: 1:50-200; FCM: 1:50-100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human BPI
Antigen Species:	Human
Gene ID:	671
Uniprot ID:	P17213

Research 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*.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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