

Mouse Anthrax Protective Antigen Monoclonal Antibody | anti-pxo1_110 antibody

Anthrax Protective Antigen monoclonal antibody (PA6)

CATALOG # AAA76989	HOST Mouse	REACTIVITY Bacillus anthracis	APPLICATIONS Western Blot, Immunoprecipitation, ELISA
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PRODUCT SYNONYMS

Anthrax Protective Antigen; Monoclonal Antibody; Anthrax Protective Antigen monoclonal antibody (PA6); anti-pxo1_110 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Bacillus anthracis
Clonality	Monoclonal
Isotype	IgG1
Specificity	Recognizes bacteria Anthrax Protective Antigen (PA).
Purity/Purification	Protein G affinity purified.
Form/Format	Liquid. In PBS containing 0.01% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	764
Applicable Applications for anti-pxo1_110 antibody	WB (Western Blot), IP (Immunoprecipitation), ELISA
Immunogen	Anthrax protective antigen
Source	Purified from hybridoma tissue culture supernatant.
Preparation and Storage	Long term storage: -20°C. Avoid freeze/thaw cycles. Ships on blue ice.

ADDITIONAL INFORMATION

Related Product Information for anti-pxo1_110 antibody	The exotoxin produced by B. anthracis is composed of three proteins: a cell-receptor binding protein known as Protective Antigen (PA), and two enzymes, Edema Factor (EF) and Lethal Factor (LF). An 83 kDa form of PA binds to a cell surface receptor and, upon proteolytic activation to a 63 kDa fragment, heptamerizes to form a membrane channel that mediates the entry of three molecules of LF or EF into the cells. PA and LF form Lethal Toxin, which is the dominant virulence factor produced by B. Anthracis and is the major cause of death in infected animals.
Product Categories/Family for anti-pxo1_110 antibody	Bacteria & Viruses

NCBI AND UNIPROT INFORMATION

NCBI GI #	17380160
NCBI GeneID	3361714
UniProt Accession #	P13423 ; Q937W2 ; Q937W3 ; Q9F5R7 ; Q9KH69 ; Q9RQU2 ; Q52NH4
NCBI Official Full Name	Protective antigen

NCBI Official Symbol	pxo1_110
NCBI Protein Information	pXO1-110
UniProt Protein Name	Protective antigen
UniProt Gene Name	pagA
UniProt Synonym Gene Names	pag; PA; PA83; PA20; PA63
UniProt Entry Name	PAG_BACAN

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/anthrax-protective-antigen-antibody-western-blot-immunoprecipitation-elisa/76989>