



Anthrax Protective Antigen mouse mAb

Catalog No	BYab-20813
Isotype	IgG
Reactivity	Bacillus anthracis
Applications	ELISA
Gene Name	pad4
Protein Name	
Immunogen	
Specificity	This antibody detects Anthrax Protective Antigen.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Dilution	ELISA 1:10000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	anthrax PA ;Anthrax toxins translocating protein ;PA 83 ;PA ;PA83 ;Pag ;PagA ;Protective antigen.
Observed Band	86kD
Cell Pathway	
Tissue Specificity	
Function	P13423 pXO1-110(pxo1_110) Bacillus anthracis domain:The molecule is folded into four functional domains. Each domain is required for a particular step in the toxicity process. Domain 1 contains two calcium ions and the proteolytic activation site. Cleavage of the PA monomer releases the subdomain 1a, which is the N-terminal fragment of 20-kDa (PA20). The subdomain 1b is part of the remaining 63-kDa fragment (PA63) and contains the binding sites for LP and EF. Domain 2 is a beta-barrel core containing a large flexible loop that has been implicated in membrane insertion and pore formation. There is a chymotrypsin cleavage site in this loop that is required for toxicity. Domain 3 has a hydrophobic patch thought to be involved in protein-protein interactions. Domain 4 appears to be a separate domain and shows limited contact with the other three

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Background

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matters needing attention

Avoid repeated freezing and thawing!

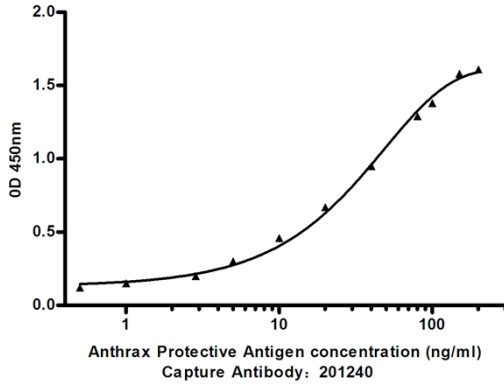
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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Products Images



Standard Curve for Anthrax Protective Antigen:
Capture Antibody Mouse mAb 201240 to Anthrax
Protective Antigen at 4 μ g/ml and other antibody for
detecting.

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