

Product datasheet for **AM01018PU-N**

Anthrax Mouse Monoclonal Antibody [Clone ID: 7821]

Product data:

Product Type:	Primary Antibodies
Clone Name:	7821
Applications:	ELISA, IF, IHC
Recommended Dilution:	ELISA (1/20-1/200). Immunofluorescence (1/10-1/50). Immunohistochemistry on Paraffin Sections (1/10-1/50).
Reactivity:	Bacillus Anthracis
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Specificity:	This antibody is specific for the Protective Antigen (PA) of <i>Bacillus Anthracis</i> , which is a component of the Anthrax toxin.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	P13423
Background:	<i>B. anthracis</i> is an obligate parasite, from the Bacillus genus, and causes anthrax, an acute infectious disease which mainly affects ruminants. Anthrax can also infect humans, and is known to infect in three forms; cutaneous, inhalation and gastrointestinal. Inhalation and gastrointestinal infection is highly lethal if not treated quickly. <i>B. anthracis</i> primarily infects macrophages, causing immune suppression and resulting in a massive terminal bacteraemia.



[View online »](#)

Synonyms:

PA-83, Anthrax toxins translocating protein, pagA, PA83