

Anthrax Protective gen (5C1) Mouse mAb
Catalog # AP53501**Specification**

Anthrax Protective gen (5C1) Mouse mAb - Product Information

Application	WB
Primary Accession	P13423
Reactivity	Bacillus anthracis
Host	Mouse
Clonality	Monoclonal Antibody
Calculated MW	85811

Anthrax Protective gen (5C1) Mouse mAb - Additional Information**Gene ID** 45025512**Other Names**

Protective antigen

Anthrax Protective gen (5C1) Mouse mAb - Protein Information**Name** pagA**Synonyms** pag**Function**

Protective antigen constitutes one of the three proteins composing the anthrax toxin; it mediates attachment to host cells and translocation of edema factor (EF) and lethal factor (LF) into the host cytoplasm (PubMed:11700562, PubMed:14507921, PubMed:15243628, PubMed:15326297). PA associated with LF forms the lethal toxin (LeTx) and causes death when injected; PA associated with EF forms the edema toxin (EdTx) and produces edema (PubMed:1651334). PA induces immunity to infection with anthrax (PubMed:11544370).

Cellular Location

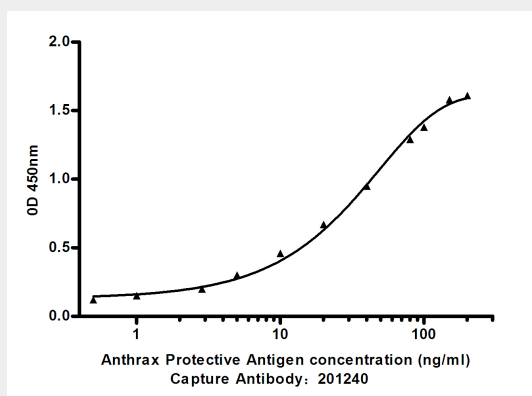
[Protective antigen]: Secreted. Host cell membrane Note=Secreted through the Sec-dependent secretion pathway (PubMed:12606539). Therefore, PA is translocated across the membrane in an unfolded state and then it is folded into its native configuration on the trans side of the membrane, prior to its release to the environment (PubMed:12606539). PA requires the extracellular chaperone PrsA for efficient folding (PubMed:12606539). It circulates in the host blood and binds host cell receptors at the cell surface (PubMed:11700562, PubMed:14507921).

Anthrax Protective gen (5C1) Mouse mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anthrax Protective gen (5C1) Mouse mAb - Images



Standard Curve for Anthrax Protective Antigen: Capture Antibody Mouse mAb AP53501 to Anthrax Protective Antigen at 4u03bcg/ml and other antibody for detecting.

Anthrax Protective gen (5C1) Mouse mAb - Background

Swiss-Prot Acc.P13423.