

Mouse Protein A Monoclonal Antibody | anti-spa antibody

Protein A Monoclonal Antibody (Clone: ABM4B3.1G3)

CATALOG # AAA78564	HOST Mouse	REACTIVITY Staphylococcus aureus	APPLICATIONS Western Blot, ELISA
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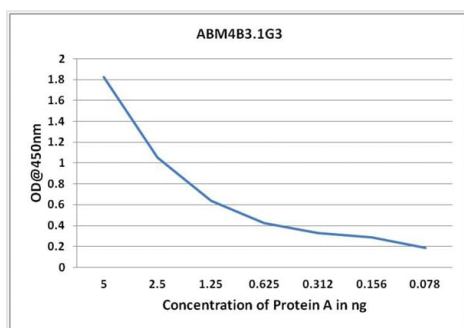
PRODUCT SYNONYMS

Protein A; Monoclonal Antibody; Protein A Monoclonal Antibody (Clone: ABM4B3.1G3); anti-spa antibody

PRODUCT SPECIFICATIONS

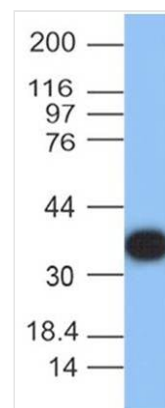
Host	Mouse
Reactivity	Staphylococcus aureus
Clonality	Monoclonal
Isotype	Mouse IgG2b, kappa
Clone Number	ABM4B3.1G3
Purity/Purification	Protein G Chromatography
Form/Format	Purified; 25 ug in 50 ul/100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-spa antibody	WB (Western Blot), ELISA
Immunogen	Protein A from Staphylococcus aureus
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



ELISA

Figure-2: An indirect ELISA is carried out by coating Protein A in serial dilution from 05 ng to 0.078ng and using 100 ng of purified ABM4B3.1G3 monoclonal antibody. Peroxidase conjugated Goat-Anti mouse antibody was used at 1:5000 dilution.



WB (Western Blot)

Figure-1: Western blot analysis of Protein A. Anti-Protein A antibody (Clone: ABM4B3.1G3) was used at 0.1 ug/ml on Recombinant protein.

ADDITIONAL INFORMATION

Related Product Information for anti-spa antibody	Protein A (PA) is a 42 kDa surface protein originally found in the cell wall of the Gram positive bacteria Staphylococcus aureus. It has the specific ability to bind with the constant (Fc) portion of immunoglobulin molecules from various different species. Protein A is encoded by the polymorphic X-region and functions as an immunoglobulin-binding protein, characteristically it has the ability to bind with the 'Fc-region' of IgG. Due to its high affinity for Fc region of human IgG, it is extensively used in affinity chromatography process required for the purification of antibodies. However, one of the major disadvantages of this method of purification is co elution or leaching of PA along with the target antibody.
Product Categories/Family for anti-spa antibody	Miscellaneous

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/protein-a-antibody-clone-abm4b3-1g3-western-blot-elisa/78564>