

Mouse Streptococcus pneumoniae Monoclonal Antibody

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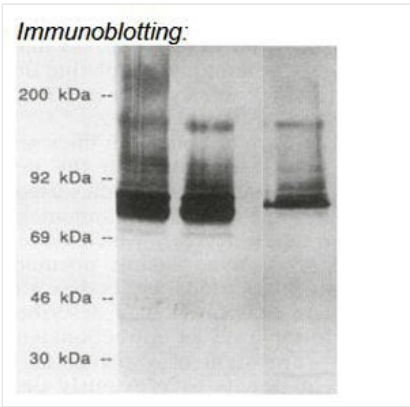
CATALOG # AAA47725	HOST Mouse	APPLICATIONS IA (Immunoassay)
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PRODUCT SYNONYMS

Streptococcus pneumoniae; Monoclonal Antibody; Streptococcus pneumoniae Monoclonal Antibody; Anti-Streptococcus pneumoniae; anti-Streptococcus pneumoniae antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Specificity	Anti-Streptococcus pneumoniae [Pneumococcal surface protein A (4 clones).] These antibodies specifically recognize pneumococcal surface protein A.
Form/Format	200 ug purified antibody in PBS, pH 7.4
Applicable Applications for anti-Streptococcus pneumoniae antibody	IA (Immunoassay)
Antigen	heatkilled S. pneumoniae, strain R36A.
Activity	ELISA Titer: 1:64,000 (Note: ELISA is an indirect assay against Strep. pneumoniae cells on the solid phase. Titrations start with antibodies is 1 mg/ml.)
Stabilizer	None
Preservatives	None
Dilutions Instructions	Dilute in PBS or medium which is identical to that used in the assay system.
Preparation and Storage	These antibodies are stable for at least one (1) year at -20 degree C to -70 degree C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.



Reactivity of monoclonal antibodies specific for PspA with clinical isolates of <i>Streptococcus pneumoniae</i>			
Capsular serotype	No. tested	MAb	MAb
3	10	5	5
4	11	1	4
6	22	4	7
7	1	0	0
9	3	0	3
14	3	0	0
16	1	0	0
19	3	0	0
23	3	1	1
See reference 3 below.			

Application Data

Immunoblot of recombinant pneumococcal surface protein A (PspA) reacted with #AAA47725. Lanes: 1 and 2, phage lysate from full -length PspA+ clone with and without induction by isopropyl - β -D -thiogalactopyranoside (IPTG), respectively; 3, cell wall extract from pneumococcal type 2 strain D39. See reference 4 below

Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-
Streptococcus pneumoniae antibody

Infectious Disease Antibodies

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://www.aaabiotech.com/monoclonal/streptococcus-pneumoniae-antibody-immunoassay-elisa/47725>