

Mouse Streptococcus agalactiae Monoclonal Antibody

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CATALOG # AAA47724	HOST Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	Strep13-509.3 IgG1
Specificity	These antibodies recognize Strep. agalactiae and cross-react weakly with Strep. dysgalactiae. They do not crossreact with Strep. uberis, Strep. bovis, Strep. faecalis, Staph. aureus, Mycoplasma bovis, Mycoplasma californicum, Mycoplasma bovigenitalium, E. coli, or Corynebacterium bovis.
Form/Format	Protein G-purified antibody in PBS, pH 7.4
Applicable Applications for anti-Streptococcus agalactiae antibody	ELISA
Antigen	UV-inactivated Strep. agalactiae cells isolated from mastitic milk.
Activity	Ig mg/ml*: 6.7 ELISA Titer**: 1 : 128,000 (Note: * Determined by radial immunodiffusion for several lots of ascites. **ELISA is an indirect assay against Strep. agalactiae cells on the solid phase. Titers represent endpoint dilutions that achieve absorbance values >= 0.1.)
Stabilizer	None
Preservatives	None. Available on request
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

ADDITIONAL INFORMATION

Related Product Information for anti-Streptococcus agalactiae antibody	Streptococcus agalactiae is a major cause of mastitis in dairy cattle and an important source of economic loss for the dairy industry. Infection in cows can either produce an acute febrile disease or a subacute more chronic condition. Both lead to diminishing milk production (hence its name: agalactiae meaning "of no milk"). Outbreaks in herds are common, so this is of major importance for the dairy industry, and programs to reduce the impact of Strep. agalactiae disease have been enforced in many countries over the last 40 years.
Product Categories/Family for anti-Streptococcus agalactiae 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://stage.aaabiotech.com/monoclonal/streptococcus-agalactiae-antibody-clone-strep13-509-3-igg1-elisa/47724>