

Mouse Bacterial Transglutaminase Monoclonal Antibody

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CATALOG # AAA47769	HOST Mouse	APPLICATIONS ELISA, Immunoblot, Western Blot
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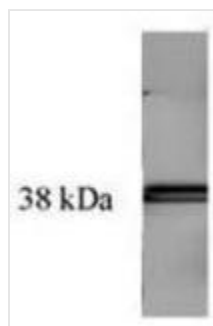
PRODUCT SYNONYMS

Bacterial Transglutaminase; Monoclonal Antibody; Bacterial Transglutaminase Monoclonal Antibody; Anti-Bacterial Transglutaminase; anti-Bacterial Transglutaminase antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3C7
Specificity	This antibody recognizes Streptomyces transglutaminase. It does not cross-react with mammalian tissue transglutaminase (Tgase2).
Form/Format	100ug, Protein A-purified, lyophilized, 0.1M Tris, 0.1M glycine, 2% sucrose.
Applicable Applications for anti-Bacterial Transglutaminase antibody	ELISA, IB (Immunoblot)
Antigen	Recombinant Streptomyces mobaraensis transglutaminase.
Appearance	White Powder
Reconstitution	Reconstitute in distilled water.
Preparation and Storage	This product is stable for at least one (1) year at -20°C to -70°C. Reconstituted product should be stored in appropriate aliquots to avoid repeated freeze-thaw cycles.

IMAGES



Application Data

Immunoblotting: Use at 1-10ug/ml. A band of ~38kDa is detected

ADDITIONAL INFORMATION

Related Product Information for anti-Bacterial Transglutaminase antibody	Transglutaminases (Tgases) are multifunctional enzymes that are widely distributed among mammals, invertebrates and plants. Streptomyces mobaraensis Tgase is one of the most useful Tgases due to its rather broad substrate specificity and independence of Ca2+. The role of TGase in the life-cycle of Streptomyces is not fully understood, but it is likely that it functions in protein cross-linking that fortifies the aerial cell wall and the spore envelope. The protein structures of the known bacterial Tgases are quite different from mammalian Tgases in that they lack sequence homology and have smaller molecular masses. Tgase from S. mobaraensis is secreted as a 42.5-kDa precursor protein which is then processed by the removal of a 45 amino-acid N-terminal peptide.
Product Categories/Family for anti-Bacterial Transglutaminase antibody	Enzymes and Enzyme Inhibitor 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/bacterial-transglutaminase-antibody-clone-3c7-immunoblot-elisa/47769>