Mouse Shiga Toxin Monoclonal Antibody | anti-stxA antibody

Mouse Monoclonal Shiga Toxin antibody

CATALOG #	HOST
AAA224669	**Mouse**

PRODUCT SYNONYMS

Shiga Toxin; Monoclonal Antibody; Mouse Monoclonal Shiga Toxin antibody; Monoclonal Shiga Toxin antibody; Anti-Shiga Toxin antibody; Shiga Toxin 1 antibody; Stx antibody; Stx1 antibody; anti-stxA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Clone Number	M82961
Purity/Purification	Purified by Protein Acolumn
Form/Format	Protein A purified antibody supplied as a liquid in PBS, with 0.1% NaN3.
Concentration	0.91mg/ml (varies by lot)
Sequence Length	315
Immunogen	Shiga Toxin antibody was raised in mouse using E Coli shigatoxin as the immunogen.
Biological Significance	Shiga toxins act to inhibit protein synthesis within target cells by a mechanism similar to that of ricin toxin produced by Ricinus communis. After entering a cell via a macropinosome, the protein functions as an N-glycosidase, cleaving a specific adenine nucleobase from the 28S RNA of the 60S subunit of the ribosome, thereby halting protein synthesis.
Preparation and Storage	Store a 4°C. Avoid repeat freeze-thaws

ADDITIONAL INFORMATION

Product Categories/Family for anti-stxA antibody	Infectious Disease

NCBI AND UNIPROT INFORMATION

NCBI GI #	10799911
UniProt Accession #	Q779K4; Q7B2T8
NCBI Official Full Name	shiga toxin
UniProt Protein Name	Shiga toxin subunit A
UniProt Gene Name	**stxA**

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/shiga-toxin-antibody-clone-m82961-elisa/224669