

Mouse Methamphetamine Monoclonal Antibody

Mouse monoclonal Methamphetamine antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA224657	Mouse	Specific for d-Methamphetamine. No cross-reaction with Amphetamine, ephedrine or pseudoephedrine. There is a cross-reaction with MDMA	Lateral Flow, ELISA

PRODUCT SYNONYMS

Methamphetamine; Monoclonal Antibody; Mouse monoclonal Methamphetamine antibody; Monoclonal Methamphetamine; Anti-Methamphetamine; M-AMP; anti-Methamphetamine antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Specific for d-Methamphetamine. No cross-reaction with Amphetamine, ephedrine or pseudoephedrine. There is a cross-reaction with MDMA
Clonality	Monoclonal
Isotype	IgG1
Clone Number	M1709Mp3
Specificity	d-Methamphetamine
Purity/Purification	> 95% pure
Form/Format	Protein A purified liquid in 50mM NaCl, 10mM PBS, pH 8.0 with 0.1% NaN3
Concentration	3.33 mg/ml (varies by lot)
Applicable Applications for anti-Methamphetamine antibody	LF (Lateral Flow), ELISA
Immunogen	MET-BSA conjugate
Cross-Reactivity	No reaction with Amphetamine or Pseudoephedrine. Reacts with MDMA.
Biological Significance	Methamphetamine is a psychostimulant of the phenethylamine and amphetamine class of drugs. It increases alertness, concentration, energy, and in high doses, can induce euphoria, enhance self-esteem, and increase libido. Methamphetamine has high potential for abuse and addiction by activating the psychological reward system via triggering a cascading release of dopamine, norepinephrine and serotonin in the brain.
Preparation and Storage	Store at 4°C short term storage, -20°C long term

ADDITIONAL INFORMATION

Product Categories/Family for anti-Methamphetamine antibody	Drugs & Toxicology
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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/methamphetamine-antibody-clone-m1709mp3-lateral-flow-elisa/224657>