# Mouse Theophylline Monoclonal Antibody

Theophylline antibody

| CATALOG # | HOST |
|---|---|
| **AAA106278** | **Mouse** |

## PRODUCT SYNONYMS

Theophylline; Monoclonal Antibody; Theophylline antibody; Monoclonal Theophylline; Anti-Theophylline; anti-Theophylline antibody

## PRODUCT SPECIFICATIONS

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|---|---|
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1 |
| **Clone Number** | M9921113 |
| **Purity/Purification** | Theophylline antibody was purified by column chromatography. |
| **Form/Format** | Supplied in PBS buffer with no preservative, pH 7.4 |
| **Concentration** | 5 mg/ml (varies by lot) |
| **Biological Significance** | Theophylline, also known as dimethylxanthine, is a methylxanthine drug used in therapy for respiratory diseases such as COPD and asthma under a variety of brand names. Because of its numerous side-effects, the drug is now rarely administered for clinical use. As a member of the xanthine family, it bears structural and pharmacological similarity to caffeine. |
| **Cross-Reactivity** | Theophylline, 100%, Caffeine: <1.0% |
| **Immunogen** | Theophylline antibody was raised in mouse using Theophylline as the immunogen. |
| **Preparation and Storage** | Store at -20 degree C. Avoid repeated freeze/thaw cycles. |

## ADDITIONAL INFORMATION

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| **Related Product Information for anti-Theophylline antibody** | Mouse monoclonal Theophylline antibody |
| **Product Categories/Family for anti-Theophylline antibody** | Drugs & Toxicology |

**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/theophylline-antibody-clone-m9921113-elisa/106278