

## 12-8162: Anti-Methamphetamine (METH-1536)

**Clonality :** Monoclonal  
**Clone Name :** METH-1536  
**Application :** ELISA  
**Isotype :** Mouse IgG2a k

### Description

Specificity: Anti-Methamphetamine (Clone METH-1536) is specific for methamphetamine.

Background: Methamphetamine is a potent central nervous system stimulant, that exerts its effects by increasing the release of neurotransmitters like dopamine in the brain. This surge in dopamine levels results in heightened feelings of euphoria, increased energy, and enhanced focus. Methamphetamine also inhibits the reuptake of neurotransmitters, prolonging their presence in the synapses and intensifying their impact. Chronic use of methamphetamine can lead to severe health consequences, including cardiovascular issues, dental problems (often referred to as "meth mouth"), and psychiatric disorders. Diagnostic testing for methamphetamine involves various methods, such as urine, blood, or hair analysis. Urine tests, being the most common, detect methamphetamine or its metabolites and are effective in determining recent drug use, aiding healthcare professionals in assessing and managing substance abuse disorders.

### Product Info

**Amount :** 1.0 mg  
**Purification :** Purity: >98% by SDS Page  
Preparation: This monoclonal antibody is purified by Protein A chromatography.  
**Content :** Concentration:  $\geq 1.0$  mg/ml  
Formulation: Formulated in phosphate buffered saline, pH 7.0 and contains 0.05% sodium azide.  
**Storage condition :** 2-8°C