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## **Methamphetamine Antibody**

**Subcategory:** Sheep Polyclonal Antibody

**Cat. No.:** 252401

**Unit:** 0.1 ml

### **Description:**

Methamphetamine (colloquially referred to as “meth”) is a psychoactive stimulant (psychostimulant or psychoanaleptic) drug of the phenethylamine and amphetamine chemical classes. Methamphetamine is a highly addictive drug. The addiction is due to activation of the dopamine, norepinephrine, and serotonin levels in the brain.

Methamphetamine 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 increasing levels of dopamine, norepinephrine and serotonin in the brain. Despite methamphetamine’s adverse side effects, it is approved by the U.S. Food and Drug Administration (FDA) for the treatment of attention-deficit hyperactivity disorder (ADHD) and exogenous obesity. It is marketed in the United States under the trademark name Desoxyn.

**Isotype:** Sheep Ig

**Applications:** E, WB

**Species Reactivity:** H, M, R

**Format:** Each vial contains 0.1 ml IgG (7-12 mg/ml) in 20mM phosphate, 150mM NaCl buffer, pH7.2 with 0.09% sodium azide. Antibody was purified by caprylic acid and ammonium sulfate precipitation.

**Alternate Names:** Methamphetamine; metamfetamine; dextromethamphetamine; methylamphetamine; N-methylamphetamine; desoxyephedrine; meth

**Accession No.:** 537-46-2

**Antigen:** Methamphetamine (p)-BSA

**Application Notes:** E: 1:10,000-1:50,000; WB: 1:200-1:1,000

**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.