

Product datasheet for **AP09744PU-L**

MDMA Sheep Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | ELISA |
| Recommended Dilution: | ELISA: 9.72µg/ml. |
| Host: | Sheep |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | MDMA(N)-BSA |
| Specificity: | This antibody reacts to 3,4-Methylenedioxymethamphetamine (MDMA). |
| Formulation: | 20mM Phosphate, 150mM Sodium Chloride, pH 7.2 containing 0.09% Sodium Azide as preservative State: Ig Fraction State: Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures |
| Concentration: | lot specific |
| Conjugation: | Unconjugated |
| Storage: | Store the antibody at -20°C. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Background: | MDMA (3,4-methylenedioxymethamphetamine) is a ring substituted amphetamine derivative. It acts by increasing the net release of the monoamine neurotransmitters (serotonin, noradrenaline and, to a lesser extent, dopamine) from their respective axon terminals. It resembles the structure of the hallucinogenic material mescaline. As a result of this similarity, the pharmacological effects of MDMA are a blend of those of the amphetamines and mescaline. |
| Synonyms: | 3,4-Methylenedioxymethamphetamine, Ecstasy |



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