

AM00980PU-N**Monoclonal Antibody to Methadone - Purified**

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|------------------------|---|
| Quantity: | 1 mg |
| Concentration: | 2.73mg/ml (OD280nm) |
| Background: | Methadone is a rigorously well-tested medication that is safe and efficacious for the treatment of narcotic withdrawal and dependence. For more than 30 years this synthetic narcotic has been used to treat opioid addiction. Heroin releases an excess of dopamine in the body and causes users to need an opiate continuously occupying the opioid receptor in the brain. Methadone occupies this receptor and is the stabilizing factor that permits addicts on methadone to change their behavior and to discontinue heroin use. |
| Host / Isotype: | Mouse / IgG |
| Clone: | BID902 |
| Immunogen: | Methadone-BSA |
| Format: | State: Liquid purified Ig Purification: Protein A chromatography Buffer System: 0.05M Potassium phosphate, 0.85% Sodium chloride, pH 7.15 containing 0.05% Sodium azide |
| Applications: | ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Specificity: | This antibody reacts to Methadone. Cross-reactivity (D50 in ELISA) Methadol: 2.9%. |
| Storage: | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch. |