

Product Datasheet

Morphine Antibody 100897

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| Product Name | Morphine Antibody |
| Catalog Number | 100897 |
| Description | Protein A purified monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components. |
| Species/Host | Mouse |
| Tested Applications | LF, ELISA |
| Immunogen | Morphine-BSA |
| Brand | Medix Biochemica |
| Form/Appearance | Liquid, may turn slightly opaque during storage |
| Concentration | ≥ 1.5 mg/ml |
| Storage | +2-8 °C |
| Note | This product was previously available with Catalog codes B01-99-02M-P and HM578. It has been produced using the same original mouse monoclonal hybridoma cell line. |
| Isotype | IgG1 |
| Clonality | Monoclonal |
| Epitope | Not determined |
| Purity | ≥ 95 % |
| Affinity constant | N/D |
| Buffer | 0.05 M Potassium Phosphate Buffer, pH 7.2 with 0.85 % NaCl, 0.05 % NaN ₃ as a preservative |
| IEF Profile | 6.4 - 6.9 |
| Cross Reactivity | Morphine, Morphine-3-β-O-glucuronide, Codeine, Hydrocodone = 100 %; Ethylmorphine 95 %; Hydromorphone 56 %; Diacetylmorphine, 6-Mono-acetyl-morphine 40 %; Nalorphine 33 %; Naloxone, Oxycodone, Oxymorphone < 4 %; Imipramine, Clomipramine < 2 %; Amitriptyline < 0.1 % |
| Specificity | Antibody primarily recognizes Morphine, Morphine metabolites and related opioids |
| Matched Pairs | 170036 (BSA conjugate as capture) |
| Shelf Life | 36 months |