

## Product Datasheet

### Morphine Antibody 100897

<b>Product Name</b>	Morphine Antibody
<b>Catalog Number</b>	100897
<b>Description</b>	Protein A purified monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
<b>Species/Host</b>	Mouse
<b>Tested Applications</b>	ELISA, LF
<b>Immunogen</b>	Morphine-BSA
<b>Brand</b>	Medix Biochemica
<b>Form/Appearance</b>	Liquid, may turn slightly opaque during storage
<b>Concentration</b>	≥ 1.5 mg/ml
<b>Storage</b>	+2-8 °C
<b>Note</b>	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.
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Epitope</b>	Not determined
<b>Purity</b>	≥ 95 %
<b>Affinity constant</b>	N/D
<b>Buffer</b>	0.05 M Potassium Phosphate Buffer, pH 7.2 with 0.85 % NaCl, 0.05 % NaN <sub>3</sub> as a preservative
<b>IEF Profile</b>	6.4 - 6.9
<b>Cross Reactivity</b>	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 %
<b>Specificity</b>	Antibody primarily recognizes Morphine, Morphine metabolites and related opioids
<b>Matched Pairs</b>	170036 (BSA conjugate as capture)
<b>Shelf Life</b>	36 months