

Product Datasheet

Morphine Antibody 100897

Product Name	Morphine Antibody
Catalog Number	100897
Description	Protein A purified monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
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	N/D
Purity	≥ 95 %
Affinity constant	N/D
Buffer	0.05M 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	24 months