

**Monoclonal Anti-Buprenorphine**

**Specification Sheet**

<b>Catalog #:</b>	MB041
<b>Lot #:</b>	1712
<b>Description:</b>	Mab to buprenorphine
<b>Specificity:</b>	This antibody reacts with buprenorphine
<b>Clone:</b>	2C42B10
<b>Host Animal:</b>	Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse
<b>Isotype:</b>	IgG1, kappa light chain
<b>Source:</b>	Mouse ascites
<b>Immunogen:</b>	Buprenorphine-BSA
<b>Format:</b>	Purified, liquid
<b>Purification:</b>	DEAE chromatography
<b>Concentration:</b>	5.11 mg/ml (OD280 nm, E <sup>0.1%</sup> = 1.40)
<b>Affinity Constant:</b>	Not determined
<b>Buffer:</b>	0.015 M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN <sub>3</sub> pH7.2
<b>Pairing Assays:</b>	Not determined
<b>Application:</b>	For buprenorphine quantitative assays by EIA
<b>Purity:</b>	>95% by HPLC and SDS-PAGE
<b>Storage:</b>	2-8° C for 2 years. Long-term store at -20° C

**For research use only**