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**Specification Sheet**

Catalog Number	Unit Size
TMB041-0.2MG	0.2mg
TMB041-1MG	1mg

<b>Description:</b>	Mab to buprenorphine.
<b>Specificity:</b>	This antibody reacts with buprenorphine.
<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>Conjugate:</b>	No.
<b>Purification:</b>	DEAE chromatography.
<b>Concentration:</b>	4.50 mg/ml (OD280 nm, $E^{0.1\%} = 1.40$ ).
<b>Affinity Constant:</b>	Not determined.
<b>Buffer:</b>	0.015 M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN <sub>3</sub> , pH 7.2.
<b>Pairing Assays:</b>	Not determined.
<b>Purity:</b>	>95% by HPLC and SDS-PAGE.
<b>Application:</b>	For buprenorphine quantitative assays by EIA.
<b>Storage:</b>	2-8°C for 2 years. Long-term store at -20°C.

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