

---

**Specification Sheet**

Catalog Number	Unit Size
TMB011-0.2MG	0.2mg
TMB011-1MG	1mg

<b>Description:</b>	Mab to barbiturates.	
<b>Specificity:</b>	Phenobarbital	100%
	Amobarbital	501.00%
	Butalbital	425.00%
	Hexobarbital	156.3%
	Secobarbital	265.38%
<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>	Phenobarbital-KLH.	
<b>Format:</b>	Purified, liquid.	
<b>Conjugate:</b>	No.	
<b>Purification:</b>	DEAE chromatography.	
<b>Concentration:</b>	5.25 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 barbiturate quantitative assays by EIA.	
<b>Storage:</b>	2-8°C for 2 years. Long-term store at -20°C.	

**For Research Use only**