
Specification Sheet

Catalog Number	Unit Size
TMM091-0.2MG	0.2mg
TMM091-1MG	1mg

Description:	Mab to melatonin.
Specificity:	Specific to melatonin.
Host Animal:	Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse.
Isotype:	IgG1, kappa light chain.
Source:	Mouse ascites.
Immunogen:	Melatonin-KLH.
Format:	Purified, liquid.
Conjugate:	No.
Purification:	DEAE chromatography.
Concentration:	5.35 mg/ml (OD280 nm, $E^{0.1\%} = 1.40$).
Affinity Constant:	Not determined.
Buffer:	0.015 M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN ₃ , pH 7.2.
Pairing Assays:	No pair.
Purity:	>95% by HPLC and SDS-PAGE.
Application:	For melatonin quantitative assays by EIA.
Storage:	2-8°C for 2 years. Long-term store at -20°C.

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