

Monoclonal Anti-human insulin

Specification Sheet

Catalog #:	MI052
Lot #:	1420
Description:	Mab to human insulin
Specificity:	This antibody reacts with human insulin. It does not react with C-peptide.
Clone:	4G81A11
Host Animal:	Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse
Isotype:	IgG1
Source:	Mouse ascites
Immunogen:	Synthetic human insulin
Format:	Purified, liquid
Purification:	DEAE chromatography
Concentration:	3.71 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 , pH7.2
Pairing Assays:	Pair with MI051, and MI054 as coating Ab
Purity:	>95% by HPLC and SDS-PAGE
Application:	For human insulin quantitative assays by EIA
Storage:	2-8° C for 1 year. Long-term store at -20° C

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