

**Monoclonal Anti-glutamic acid decarboxylase (GAD65)**

**Specification Sheet**

<b>Catalog #:</b>	MG032
<b>Lot #:</b>	D4143
<b>Description:</b>	Mab to GAD65
<b>Specificity:</b>	This antibody reacts with GAD65
<b>Clone:</b>	4B5A1
<b>Host Animal:</b>	Hybridization of X63/Ag 8.653 myeloma cells with spleen cells from Balb/c mouse
<b>Isotype:</b>	IgG1, kappa light chain
<b>Source:</b>	Mouse ascites
<b>Immunogen:</b>	Recombinant human GAD65
<b>Format:</b>	Purified, liquid
<b>Purification:</b>	DEAE chromatography
<b>Concentration:</b>	4.89 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>	Pair with MG031
<b>Purity:</b>	>95% by HPLC and SDS-PAGE
<b>Application:</b>	For GAD65 quantitative assays by EIA
<b>Storage:</b>	2-8° C for 2 year. Long-term store at -20° C

**For research use only**