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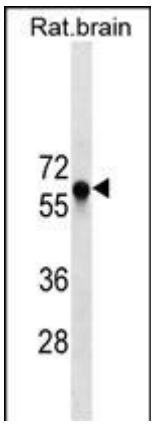
GAD65 Mouse mAb

Catalog Number:	bsm-51524M
Target Protein:	GAD65
Concentration:	1mg/ml
Form:	Liquid
Host:	Mouse
Clonality:	Monoclonal
Clone No.:	L6G8
Isotype:	IgG1
Applications:	WB (1:200-1500)
Reactivity:	Rat (predicted:Human, Mouse, Pig)
Predicted MW:	65 kDa
Entrez Gene:	2572
Swiss Prot:	Q05329
Source:	KLH conjugated synthetic peptide derived from human GAD2: 101-200/585.
Purification:	affinity purified by Protein G
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	This gene encodes one of several forms of glutamic acid decarboxylase, identified as a major autoantigen in insulin-dependent diabetes. The enzyme encoded is responsible for catalyzing the production of gamma-aminobutyric acid from L-glutamic acid. A pathogenic role for this enzyme has been identified in the human pancreas since it has been identified as an autoantibody and an autoreactive T cell target in insulin-dependent diabetes. This gene may also play a role in the stiff man syndrome. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Oct 2008]

VALIDATION IMAGES



Sample: Lane 1: Rat brain tissue lysates Primary: Anti-GAD2 (bsm-51524M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 65 kD Observed band size: 65 kD