Recombinant DGRmAb®

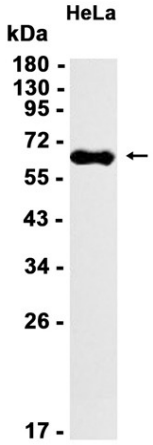
GAD67 (DGR12432) Rabbit mAb

db11089 **Package : 10μL 20μL 50μL 100μL**

Product Name : GAD67 (DGR12432) Rabbit mAb
Cat.No.: db11089
Synonyms : GAD; SCP; CPSQ1
Application : WB
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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 autoantigen and an autoreactive T cell target in insulin-dependent diabetes. This gene may also play a role in the stiff man syndrome. Deficiency in this enzyme has been shown to lead to pyridoxine dependency with seizures. Alternative splicing of this gene results in two products, the predominant 67-kD form and a less-frequent 25-kD form. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human GAD67
Gene ID	2571
Swiss Prot	Q99259
Synonyms	GAD; SCP; CPSQ1
Reactivity	Human,Mouse,Rat
Application	WB
Recommended dilution	WB: 1:1000-1:5000
Calculated MW	67 kDa
Observed MW	67 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR12432
Isotype	IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa cells using db11089 at 1:1000.