UNICUS Karlsburg OHG – Greifswalder Strasse 11d – 17495 Karlsburg
Tel.: +49 38355 68 487 Fax: +49 38355 68 489
E-Mail: info@unicus-karlsburg.de www.unicus-karlsburg.de

PRODUCT SPECIFICATION

MOUSE MONOCLONAL ANTIBODY REACTIVE WITH GLUTAMIC ACID DECARBOXYLASE 67KD (GAD67)

CAT.-NO.	FORMAT	QUANTITY	NET PRICE
AB107A	Ammonium sulphate precipitated mouse IgG	100µg	170.00 €
AB107G	Affinity purified mouse IgG	100µg	247.00 €

Clon	**58/2B4**
Isotype	IgG1
Immunogen	Human recombinant GAD67
Reactivity	Reactive with GAD67. Not cross reactive with GAD65. Not detectable on cryosections of human pancreas. Suitable as mouse beta-cell marker on Western Blot.
Host	Mouse
Format	Liquid in PBS, pH 7.4, containing 0.9mg/ml sodium azide
Quantity	100µg
Concentration	0.5mg/ml
Application	Immunofluorescence, Immunoprecipitation, Radioimmunoassay, Western Blot
Short term storage	+4°C
Long term storage	-20°C
Use/Stability	Stable for at least 1 year when stored at +4°C
Handling	Avoid freeze/thaw cycles
Note	For *in vitro* research use only, not for therapeutic or diagnostic use.

References:
Ziegler B, Augstein P, Lühder F, Northemann W, Hamann J, Schlosser M, Klöting I, Michaelis D, Ziegler M: Monoclonal antibodies specific to the glutamic acid decarboxylase 65 kDa isoform derived from a non-obese diabetic (NOD) mouse. Diabetes Research 25 (1994) 47-64.
Augstein M, Schlosser M, Ziegler B, Hahmann J, Mauch L, Ziegler M: Comparison of the islet cell pattern of monoclonal glutamic acid decarboxylase antibodies recognizing linear and conformational epitopes. Acta histochem 98 (1996) 229-241.
Augstein P, Ziegler B, Schlosser M, Flassig S, Strebelow M, Ziegler M: Immunhistochemical differentiation of monoclonal GAD antibodies recognizing linear or conformational epitope regions. Pancreas 15 (1997) 139-146.
Ziegler B, Strebelow M, Rjasanowski I, Schlosser M, Ziegler M: A monoclonal antibody-based characterization of autoantibodies against glutamic acid decarboxylase in adults with latent autoimmune diabetes. Autoimmunity 28 (1998) 61-68.