



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 65KD (GAD65) – EPITOPE REGION aa 572-585

| CAT.-NO. | FORMAT | QUANTITY | NET PRICE |
|-----------------|--|-----------------|------------------|
| AB106A | Ammonium sulphate precipitated mouse IgG | 100µg | 170.00 € |
| AB106G | Affinity purified mouse IgG | 100µg | 247.00 € |

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| Clon | 67/4C11 |
| Isotype | IgG1 |
| Immunogen | Human recombinant GAD65 |
| Reactivity | Reactive with the epitope region aa 572-585 of GAD65. Cross reactive with GAD67. |
| 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 <i>in vitro</i> research use only, not for therapeutic or diagnostic use. |

References:

Ziegler B, Augstein P, Lühder F, Northemann W, Hamann J, Schlosser M, Klötting 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: Immunohistochemical 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.