# GAD65/67 monoclonal antibody (9A6)

GAD, glutamic acid decarboxylase, is an integral membrane protein that catalyzes the formation of gamma-aminobutyric acid (GABA), which is an inhibitory neurotransmitter. The biological functions of GAD and GABA extend beyond regulation of neurotransmission to include effects on the immune system and modulation of cell proliferation, protein synthesis, and metabolism.

**This antibody is covered by our Worry-Free Guarantee.**

**Citations:** 12 View Online »

## Ordering Information Order Online »

| | |
|---|---|
| **ADI-MSA-225-E** | 100µg |

## Manuals, SDS & CofA View Online »




Western blot analysis of mouse (1) and rat (2) brain extracts, probed with GAD65/67, mAb (9A6).

## Handling & Storage

| | |
|---|---|
| **Long Term Storage** | -20°C |
| **Shipping** | Blue Ice |

## Regulatory Status RUO - Research Use Only

## Product Details

| | |
|---|---|
| **Application** | IHC (PS), WB |
| **Application Notes** | Detects bands of ~65kDa and ~67kDa, (corresponding to GAD65 and GAD67, respectively) by Western blot. |
| **Clone** | 9A6 |
| **Formulation** | Liquid. In PBS containing 50% glycerol. |
| **Host** | Mouse |
| **Immunogen** | Recombinant human GAD65. |
| **Isotype** | IgG1 |
| **Purity Detail** | Protein A affinity purified. |
| **Recommendation Dilutions/Conditions** | Immunohistochemistry (paraffin sections, 1-10µg/ml)Western Blot (1µg/ml, ECL)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application. |
| **Species Reactivity** | Human, Mouse, Rat |
| **UniProt ID** | Q05329 |
| **Worry-free Guarantee** | **This antibody is covered by our Worry-Free Guarantee .** |

**Last modified: May 29, 2024**

ENZO LIFE SCIENCES, INC.
Phone: 800 942 0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.