

DATASHEET

GAD2 Mouse Monoclonal Antibody(C3873)

CAT. NO. AMA03485

KEY FEATURES

Target	GAD2	Source / Host	Mouse
Reactivity	Human, Mouse, Rat	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Catalyzes the production of GABA.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
----	----------------

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

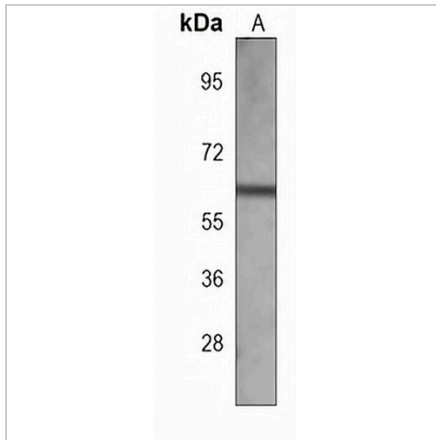
Description	Mouse monoclonal antibody to GAD2
Specificity	Recognizes endogenous levels of GAD2 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GAD2. The exact sequence is proprietary.
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 65 kD; Observed: 65 kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	GAD65; Glutamate decarboxylase 2; 65 kDa glutamic acid decarboxylase; GAD-65; Glutamate decarboxylase 65 kDa isoform
Gene Symbol	GAD2
Entrez Gene	2572(Human); 14417(Mouse); 24380(Rat)
SwissProt	Q05329(Human); P48320(Mouse); Q05683(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**GAD2 Mouse Monoclonal Antibody(C3873)**

CAT. NO. AMA03485

DATA

Western blot analysis of GAD2 expression in human brain (A) whole cell lysates.
(Predicted band size: 65 kD; Observed band size: 65 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.