Glutamate decarboxylase 1 Antibody

Mouse Monoclonal Antibody [Clone BICCN-GAD1-3D3]

Catalog No	Format	Size
2571-MSM16-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2571-MSM16-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2571-MSM16-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

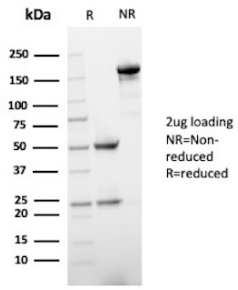
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	BICCN-GAD1-3D3
Immunogen	Recombinant human GAD1 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2c / Kappa
Mol. Weight of Antigen	66.9kDa
Species Reactivity	Human
Positive Control	Expressed in brain

**Optimal dilution for a specific application should be determined.*

Product Images for Glutamate decarboxylase 1 Antibody



SDS-PAGE Analysis of Purified Glutamate decarboxylase 1 Mouse Monoclonal Antibody (BICCN-GAD1-3D3). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

Catalyzes the synthesis of the inhibitory neurotransmitter gamma-aminobutyric acid (GABA) with pyridoxal 5'-phosphate as cofactor., Enzymatically inactive as glutamate decarboxylase.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.