



### Anti-GAD67, NeuroMab clone L127/8

#### Immunogen:

Fusion protein amino acids 1-594 (full-length) of human GAD67 (also known as Glutamate decarboxylase 1, 67 kDa glutamic acid decarboxylase, Glutamate decarboxylase 67 kDa isoform, GAD1, GAD and DCE1, accession number Q99259)

Mouse: 97% identity (577/594 amino acids identical)

Rat: 97% identity (577/594 amino acids identical)

100% identity (213/213 amino acids identical) with GAD25

>90% identity (366/391 amino acids identical, highest in N-terminus) with GAD44

>60% identity (375/569 amino acids identical, highest in C-terminus) with GAD2/GAD65/DCE2

#### Monoclonal antibody info

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2b

#### NeuroMab Applications:

Immunocytochemistry, Immunoblot, Immunohistochemistry and Array Tomography

Species Reactivity: human, rat, mouse

Cross-reacts with GAD25

Does not cross-react with GAD44 or GAD65/GAD2

MW: 70 kDa

Array tomography immunofluorescence of an Lowicryl-embedded 70 nm section from adult mouse neocortex with L127/8 (green), guinea pig polyclonal GABA (Millipore AB175, magenta) and DAPI (blue). Image courtesy of Kristina Micheva (Stanford).

