



Anti-JIP-2/IB-2, NeuroMab clone N135/37

Immunogen:

Fusion protein amino acids 226-421 of mouse JIP-2/IB-2 (also known as C-jun-amino-terminal kinase-interacting protein 2, JNK-interacting protein 2, JNK MAP kinase scaffold protein 2, Islet-brain-2 and Mitogen-activated protein kinase 8-interacting protein 2, accession number Q9ERE9)

Rat: 94% identity (127/135 amino acids identical)
 Human: 86% identity (173/200 amino acids identical)
 >50% identity with JIP-1

Monoclonal antibody info:

Mouse strain: Balb/C
 Myeloma cell: SP2/0
 Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: mouse, rat

Does not cross-react with JIP-1/IB-1

MW: 100 kDa and larger

Right: adult rat brain membrane immunoblot

Left top: immunoblot versus extracts from various WT (+/+) and IB2 KO (-/-) mouse brain regions probed with N135/37. Data courtesy of Mitchell Goldfarb (Hunter College) and reproduced with permission from the Journal of Neuroscience (2010 Giza et al, PMID 21048139).

Left bottom: tissue and transfected cell immunoblot: extracts of adult rat brain membrane RBM and COS cells transiently transfected with Flag-tagged JIP-1, JIP-2 or untagged Kv2.1 plasmid and probed with N135/37 (left), mouse anti-Flag (middle) and N52A/42 (right).

Adult rat brain immunohistochemistry

