

**Anti-Synaptotagmin-5, NeuroMab clone N274/8**

Available as TC supe (RRID: AB_2315935) & Pure IgG (RRID: AB_2315936)

Immunogen:

Fusion protein amino acids 236-323 (cytoplasmic C2A domain) of mouse Synaptotagmin-5 (also known as Synaptotagmin-9, Synaptotagmin IX, SytIX, Syt9, Synaptotagmin-V, SytV and Syt5, accession number Q9R0N9)

Rat: 100% identity (88/88 amino acids identical)

Human: 98% identity (87/88 amino acids identical)

>50% identity with Synaptotagmin-10 (and other Synaptotagmins)

Syt nomenclature explanation: <http://www.signaling-gateway.org/molecule/query?afcsid=A002563>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 Synaptotagmin-10 (or other Synaptotagmins)

MW: 45 kDa

Transfected cell immunoblot: extracts of COS cells transiently transfected with GFP-tagged Synaptotagmin or untagged Kv2.1 plasmids and probed with N274/8 (left) and N86/8 (right).

