



Anti-Olig1, NeuroMab clone N149/25

Available as TC supe (RRID: AB_10674111) & Pure IgG (RRID: AB_2157532)

Immunogen:

Fusion protein amino acids 1-67 (N-terminus) of mouse Olig1 (also known as Oligodendrocyte-specific bHLH transcription factor 1 and Oligo1, accession number Q9JKN5)

Rat: 97% identity (66/68 amino acids identical)

Human: 75% identity (54/72 amino acids identical)

<40% identity with Olig2

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblot and Immunocytochemistry

May work better with antigen retrieval (pre-staining incubation in 10 mM citric acid pH 6 with heat)

Species Reactivity: mouse, rat

No cross-reactivity against Olig2

MW: 30 kDa

Right: transfected cell immunoblot: extracts of COS cells transiently transfected with Flag-tagged Olig1, Olig2 and untagged Kv2.1 plasmids and probed with N149/25 TC supe (left) and mouse anti-Flag (right).

Left: immunofluorescence of postnatal day 17 mouse corpus callosum (CC) near lateral ventricle (LV). Data courtesy of Hui-Hsin Tsai and David Rowitch, UCSF.

goat anti-mouse secondary only

rabbit anti-Olig1 at 1:1000

mouse anti-Olig1 at 1:100
(clone 25.3)

DAPI

Olig1/DAPI

Olig1/DAPI

