

**Anti-DNMT3L, NeuroMab clone N117/9**

Available as TC supe (RRID: AB_10673155) & Pure IgG (RRID: AB_10673565)

Immunogen:

Fusion protein amino acids 1-387 (full-length) of human DNMT3L (also known as DNA (cytosine-5)-methyltransferase 3-like, accession number BAA95556)

Rat: 66% identity (250/377 amino acids identical)

Mouse: 65% identity (242/371 amino acids identical)

~40% identity with DNMT3A and DNMT3B

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunoprecipitation

Not yet validated for use in mammalian brain

Species Reactivity: human

No cross-reactivity against DNMT3A or DNMT3B

MW: 45 kDa

Transfected cell immunoblot: extracts of COS cells transiently transfected with untagged Kv2.1 and Flag-tagged DNMT3L, DNMT3A and DNMT3B plasmids and probed with N117/9 TC supe (left) and mouse anti-Flag (right).

Transfected cell immunofluorescence: COS cells expressing Myc-tagged human DNMT3L. Red = rabbit anti-Myc, Green = N117/9, Blue = Hoechst nuclear stain.

