



Anti-SynCAM1 cell adhesion molecule, NeuroMab clone L45/30

Available as TC supe (RRID:AB_10671665) and Pure IgG (RRID:AB_2068036)

Immunogen:

Fusion protein amino acids 257-388 of mouse SynCAM1 (also known as synaptic cell adhesion molecule 1, immunoglobulin superfamily member 4, nectin-like protein 2 or NECL-2, tumor suppressor in lung cancer 1 or TSLC-1, spermatogenic immunoglobulin superfamily or SgIGSF, Igsf4 and Ra175, accession number Q8R5M8), recognizes 1.4b isoform only (epitope narrowed to GLTQLPNSAEELDSEDLS)

Rat: 96% identity (129/134 amino acids identical)

Human: 89% identity (118/132 amino acids identical)

<50% identity with other SynCAM's

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblotting and Immunocytochemistry

Species Reactivity: human, mouse, rat

No cross-reactivity with SynCAM2 or SynCAM3

MW: 50 kDa

Top: adult whole rat brain homogenate immunoblot

Bottom: transfected cell immunoblot: extracts of COS-7 cells transiently transfected with SynCAM1, SynCAM2 or SynCAM3 plasmids and probed with L45/30 TC supe. Image courtesy of Dr. Philip Washbourne, Institute of Neuroscience, University of Oregon.

