



Anti-Pan-Gamma-protocadherin-A, NeuroMab clone N144/32

Available as TC supe (RRID: AB_10672982) & Pure IgG (RRID: AB_2159447)

Immunogen:

Fusion protein amino acids 720-804 (variable cytoplasmic domain) of mouse Gamma-protocadherin-A3 (also known as PCDH-gamma-A3, accession number Q91XY5)

Human: 80% identity (68/84 amino acids identical)
 >75% identity with other Gamma-protocadherin-A proteins

Monoclonal antibody info:

Mouse strain: Balb/C
 Myeloma cell: SP2/0
 Mouse Ig Isotype: IgG2b

NeuroMab Applications:

Immunoblot, Immunocytochemistry

Species Reactivity: mouse

Cross-reacts with other Gamma-protocadherin-A proteins

No cross-reactivity against Gamma-protocadherin-B or -C proteins

MW: 100 kDa

Top: adult rat brain membrane immunoblot

Bottom left: transfected cell immunoblot: extracts of COS cells transiently transfected with GFP-tagged Gamma-protocadherin-A3 and -A4 and untagged Kv2.1 plasmids and probed with N144/32 (left) and N159/5 (right) TC supe.

Bottom right: immunoblot versus brain samples from WT and Gamma-protocadherin KO mice. Data courtesy of Joshua Weiner, University of Iowa.

