

**Anti-S100A5, NeuroMab clone N176A/35**

Available as TC supe (RRID: AB_2183799) & Pure IgG (RRID: AB_2315917)

Immunogen:

Fusion protein amino acids 1-93 (full-length) of rat S100A5 (also known as S100 calcium-binding protein A5 and S-100D, accession number P63083)

Mouse: 100% identity (93/93 amino acids identical)

Human: 93% identity (87/93 amino acids identical)

~50% identity with S100A4 and S100A6

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblot and Immunocytochemistry

Species Reactivity: rat, mouse

Does not cross-react with S100A4 or S100A6 (based on KO validation results)

MW: 10 kDa

Immunoblot versus adult rat brain membranes (RBM) and whole brain homogenates from S100A5-tauGFP (targeted deletion of S100A5 and replaced with coding region of tau fused to GFP) heterozygote (Het) and KO mice and probed with N176A/35 TC supe (left) and rabbit anti-S100A5 antibody (right). Samples courtesy of Tim McClintock, University of Kentucky.

