Anti-KCC2 transporter, NeuroMab clone N1/12

Available as TC supe (RRID: AB_10697875) & Pure IgG (RRID: AB_10672851)

Immunogen:
Fusion protein amino acids 932-1043 (intracellular carboxyl terminus) of rat KCC2b (also known as Solute carrier family 12 member 5, Electroneutral potassium-chloride cotransporter 2, K-Cl cotransporter 2, Neuronal K-Cl cotransporter, Furosemide-sensitive K-Cl cotransporter and Erythroid K-Cl cotransporter 2, accession number NP_599190)

Human: 96% identity (108/112 residues identical)
Mouse: 95% identity (107/112 residues identical)
100% identity with KCC2a
<40% identity with KCC1, KCC3, KCC4

Monoclonal antibody info:
Mouse strain: Balb/C
Myeloma cell: SP2/0
Mouse Ig Isotype: IgG2a

NeuroMab Applications:
Immunoblot, Immunohistochemistry and Immunoprecipitation

Species Reactivity: rat, human, mouse

Does not react with KCC1, KCC3 or KCC4

MW: 140 kDa

Top: adult rat brain membrane immunoblot

Bottom: adult rat cerebellum (left) and hippocampus (right) immunohistochemistry