



### Anti-TrpC1 calcium channel, NeuroMab clone 1F1

Available as TC supe (RRID:AB\_10999751) & Pure IgG (RRID:AB\_2315951)

#### Immunogen:

Fusion protein amino acids 27-306 (cytoplasmic N-terminus) of human TRPC1 (also known as Short transient receptor potential channel 1, Transient receptor potential cation channel subfamily C member 1, Transient receptor protein 1, TRP1, Trp-related protein 1 and Trrp1, accession number P48995)

Mouse: 99% identity (279/280 amino acids identical)

Rat: 99% identity (278/280 amino acids identical)

>50% identity with TRPC4

Hybridoma kindly donated by Dr. Leonidas Tsiokas, University of Oklahoma Health Sciences Center (2003 Ma et al JBC, PMID 14530267).

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

#### NeuroMab Applications:

Immunoblotting and Immunocytochemistry

Species Reactivity: human, rat, mouse

Does not cross-react with TRPC4 (based on KO validation results)

MW: 80-90 kDa

Adult rat brain membrane immunoblot

