



### Anti-MFF, NeuroMab clone N382/14

Available as TC supe (RRID: AB\_2315890) & Pure IgG (RRID: AB\_2315891)

#### Immunogen:

Fusion protein amino acids 1-173 (MSKRTSSDTPLGRVSGAAFPSPPTASEMAEISRIQYEMEYTEGIS QRMRVPEKLVAPPNADLEQGFQEGVNPASVIMQVPERIVVAGNNEDVSFSRPADLDLIQS TPFKPLALKTPPRVLTLSERPLDFDLERPPVTPQNEEIRAVGRLKRERSMSENAVRQNGQL VRNDSV, cytoplasmic N-terminal exons 1, 2, 3 and 4) and 272-322 (YGISNIEATIEGTSDDM TVVDAASLRRQIIKLNRRQLLEENKERAKREM, cytoplasmic N-terminal exons 8 and most of 9) of mostly human MFF (also known as Mitochondrial fission factor, C2orf33, AD030, AD033 and GL004, accession number Q9GZY8)

Human: 96% identity (167/173 amino acids identical) and 94% identity (48/51 amino acids identical)

Rat: 95% identity (141/147 amino acids identical) and 92% identity (47/51 amino acids identical)

Mouse: 93% identity (138/147 amino acids identical) and 84% identity (43/51 amino acids identical)

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

#### NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: human, rat, mouse

MW: 40 kDa

Immunoblot against crude extracts of COS cells transiently transfected with GFP-tagged MFF, MFF $\Delta$ exon1 or untagged Kv2.1 plasmid, adult rat brain membranes (RBM) or MFF wild-type (WT) or knockout (KO) mouse embryonic fibroblast cells probed with N382/14 TC supe (left), rabbit polyclonal (middle) or N52A/42 TC supe (right). Mouse cell samples courtesy of Jodi Nunnari (UC Davis).

Adult rat brain immunohistochemistry

