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PRODUCT DATASHEET

Anti-S100A5 Antibody FL550 Conjugate

NeuroMab KO Validated

Product Details

Available Variants	200 µL (SKU:75-199-FL550)
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG1
Clone	N176A/35
Gene Name	S100a5 S100d
Host Species	Mouse
Concentration	Lot dependent: provided at 0.3-0.5 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	PBS with 0.09% azide
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Applications	ICC
Species Reactivity	Mouse, Rat
Immunogen	Fusion protein amino acids 1-93 (full-length) of rat S100A (accession number P63083) produced recombinantly in E. Coli
Specificity	Does not cross-react with S100A4 or S100A6 (based on KO validation results)
Molecular Weight	10 kDa
Quality Control	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.
Storage	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to

	removing the cap.
Antibody Registry ID	AB_2939737
UniProt ID	P63083 UniProt Summary: Binds calcium, zinc and copper. One subunit can simultaneously bind 2 calcium ions or 2 copper ions plus 1 zinc ion. Calcium and copper ions compete for the same binding sites.
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	12 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
NCBI Gene ID	295211

Product Images



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