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PRODUCT DATASHEET

Anti-TrpC7 Antibody FL490 Conjugate

Product Details

Available Variants	200 µL (SKU:75-123-FL490)
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG1
Clone	N64A/36
Gene Name	TRPC7 TRP7
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, IHC
Species Reactivity	Guinea Pig, Human, Mouse, Rat
Immunogen	Synthetic peptide amino acids 845-862 (FGKNLNKDHLRVNKGKDI) of human TrpC7 (accession number Q9HCX4)
Specificity	No cross-reactivity reported
Molecular Weight	100 kDa
Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
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_2939456
UniProt ID	Q9HCX4 UniProt Summary: Forms a receptor-activated non-selective calcium permeant cation channel. Probably is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. Activated by diacylglycerol (DAG). May also be activated by intracellular calcium store depletion.
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	57113

Product Images



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Created on 07. November 2026 | All information without guarantee