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PRODUCT DATASHEET

Anti-TrpC4 Antibody FL490 Conjugate

Product Details

Available Variants	200 µL (SKU:75-119-FL490)
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2b
Clone	N77/15
Gene Name	Trpc4
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 930-947 (FKSEKVVVEDTVPIIPKE) of rat TrpC4 (accession number O35119)
Specificity	No cross-reactivity reported
Molecular Weight	110 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_2939440
UniProt ID	O35119 UniProt Summary: [Isoform Alpha]: Forms a receptor-activated non-selective calcium permeant cation channel. Acts as a cell-cell contact-dependent endothelial calcium entry channel. Forms a homomeric ion channel or a heteromeric ion channel with TRPC1; the heteromeric ion channel has reduced calcium permeability compared to the homomeric channel. Also permeable to monovalent ions including sodium, lithium and cesium ions.
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	7223

Product Images



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