

Product Datasheet

Anti-MAP3K12 Antibody FL550 Conjugate



Overview

Catalog #	75-355-FL550
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG2a
Clone Number	N377/20
Size	200 µL
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC, IHC
Species Reactivity	Mouse and Rat
Immunogen	Fusion protein amino acids 727-888 (C-terminus) of mouse MAP3K12 (accession number Q60700) produced recombinantly in E. Coli
Molecular Weight	120 kDa
Cite this Antibody	Antibodies Inc Cat# 75-355-FL550, RRID: AB_2940193

Details

Target Description	Mitogen-activated protein kinase kinase kinase 12, or MAP3K12 is a member of the serine/threonine protein kinase family. MAP3K12 is expressed many tissues including kidney, lung, heart, testis, gastrointestinal tract, stomach, liver and pancreas. In brain, MAP3K12 is mainly expressed in neurons at synaptic terminals. MAP3K12 is thought to initiate signalling cascades which effect the developing mammalian nervous system, including processes such as neuronal migration and axon growth.
Specificity	Does not cross-react with MAP3K13
Purification Method	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.
Quality Control Tests	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 $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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