

## Product Datasheet

## Anti-TrpV3 Antibody FL550 Conjugate



## Overview

<b>Catalog #</b>	75-043-FL550
<b>Conjugate</b>	FL550 Ex: 550 nm, Em: 575 nm
<b>Isotype</b>	IgG2a
<b>Clone Number</b>	N15/4
<b>Size</b>	200 µL
<b>Concentration</b>	0.5 mg/mL
<b>Host Species</b>	Mouse Monoclonal
<b>Format</b>	Purified by Protein A chromatography
<b>Buffer</b>	PBS with 0.09% azide
<b>Applications</b>	ICC
<b>Species Reactivity</b>	Human, Mouse, and Rat
<b>Immunogen</b>	Synthetic peptide amino acids 774-791 (cytoplasmic C-terminus) of rat TrpV3 (KTTLYAFDELDEFPEHSV; accession number E9PU00)
<b>Molecular Weight</b>	70 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-043-FL550, RRID: AB_2939205

## Details

<b>Target Description</b>	Transient receptor potential cation channel subfamily V member 3 or TrpV3 is encoded by the gene TrpV3. TrpV3 is a member of the transient receptor potential cation channel family. TrpV3 is thought to function in a variety of processes, including temperature sensation and vasoregulation. This channel is activated at temperatures between 22 and 40 °C. TrpV3 is found at the membrane in the CNS, PNS and skin where it acts as a transducer of thermal stimuli. Diseases associated with TRPV3 include several types of Keratoderma.
<b>Specificity</b>	No cross-reactivity reported
<b>Purification Method</b>	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.
<b>Quality Control Tests</b>	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  $\leq -20^{\circ}\text{C}$  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.

**Our Guarantee**

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