

## Product Datasheet

## Anti-Pan-GRK FL550 Conjugate



## Overview

<b>Catalog #</b>	75-179-FL550
<b>Conjugate</b>	FL550 Ex: 550 nm, Em: 575 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	N145/20
<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>	Fusion protein amino acids 381-590 (C-terminus) of mouse GRK5 (accession number Q8VEB1) produced recombinantly in E. Coli
<b>Molecular Weight</b>	70 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-179-FL550, RRID: AB_2939661

## Details

<b>Target Description</b>	G protein-coupled receptor (GPCR) kinases (GRKs), are important regulators of GPCR function and mediate receptor desensitization, internalization, and signaling. Several non-GPCR proteins also serve as GRK substrates, and GRKs have been shown to have kinase-independent functions through regulation of receptors and effectors. These proteins are members of the G protein-coupled receptor kinase subfamily of the Ser/Thr protein kinase family. GRKs phosphorylate activated forms of G protein-coupled receptors to regulate their signaling.
<b>Specificity</b>	Cross-reacts with GRK6
<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 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.

**Our Guarantee**

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