

## Product Datasheet

## Anti-GIT2 Antibody FL490 Conjugate



## Overview

<b>Catalog #</b>	75-126-FL490
<b>Conjugate</b>	FL490 Ex: 491 nm, Em: 515 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	N83/48
<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, IHC
<b>Species Reactivity</b>	Human, Mouse, and Rat
<b>Immunogen</b>	Fusion protein amino acids 450-759 (C-terminus) of human GIT2 (accession number Q14161) produced recombinantly in E. Coli
<b>Molecular Weight</b>	85 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-126-FL490, RRID: AB_2939468

## Details

<b>Target Description</b>	G-protein coupled receptor kinase interacting ArfGAP 2 is encoded by the gene GIT2. GIT2 is a member of the GIT protein family. GIT2 has been shown to repress lamellipodial extension and focal adhesion turnover, and is thought to regulate cell motility. GIT2 is expressed in 207 organs with the highest expression level in the right hemisphere of cerebellum. Diseases associated with GIT2 include Gastric Antral Vascular Ectasia and Systemic Scleroderma.
<b>Specificity</b>	No cross-reactivity against GIT1
<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.
<b>Storage</b>	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.

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