

Datasheet for ABIN7595491

anti-GIT2 antibody (AA 450-759) (FL490)[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	GIT2
Binding Specificity:	AA 450-759
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GIT2 antibody is conjugated to FL490
Application:	Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-GIT2 Antibody FL490 Conjugate
Immunogen:	Fusion protein amino acids 450-759 (C-terminus) of human GIT2 (accession number Q14161) produced recombinantly in E. Coli
Clone:	N83-48
Isotype:	IgG1
Specificity:	No off-targets reported for GIT1
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Description: Our Anti-GIT2 mouse monoclonal primary antibody is produced in-house from hybridoma clone N83/48. It detects human, mouse, and rat GIT2, and is purified by Protein A chromatography. It is great for use in IHC, ICC.

Product Details

Manufacturer Comment: We produce our GIT2 mouse monoclonal primary antibody from hybridoma clone N83/48. It is great in IHC, ICC and is purified by Protein A chromatography.

Purification: Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb.

Purity: > 90 % specific antibody

Target Details

Target: GIT2

Alternative Name: GIT2 ([GIT2 Products](#))

Background: Synonyms: ARF GTPase-activating protein GIT2 (ARF GAP GIT2) (Cool-interacting tyrosine-phosphorylated protein 2) (CAT-2) (CAT2) (G protein-coupled receptor kinase-interactor 2) (GRK-interacting protein 2)

Target Description: 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.

Gene Name Alternatives: GIT2 KIAA0148

Molecular Weight: 85 kDa

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: PBS with 0.09 % azide

Preservative: Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	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.
Expiry Date:	12 months