

Nur für Forschungszwecke

# GNAS Monoklonaler Antikörper

Katalog-Nr.:CL594-66253



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL594-66253	<b>GenBank-Zugangsnummer:</b> BC002722	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von2778 Nanodrop;	<b>GeneID (NCBI):</b> von2778	<b>CloneNo.:</b> 1A9C10
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> GNAS complex locus	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Isotyp:</b> IgG2b	<b>Berechnete Masse:</b> 45 kDa	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 588 nm / 604 nm
<b>Immunogen Katalognummer:</b> AG20530	<b>Beobachtete Masse:</b> 46 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra), IF  
**Getestete Reaktivität:**  
Human

**Positivkontrollen:**  
IF : humanes Kolonkarzinomgewebe, MCF-7-Zellen

## Hintergrundinformationen

Guanine nucleotide binding protein (G protein), alpha stimulating activity polypeptide 1 (GNAS1) is the ubiquitously expressed heterotrimeric G protein that couples receptors to the effector enzyme adenylyl cyclase and is required for receptor-stimulated intracellular cAMP generation. Mutations of Gs(alpha) residues involved in the GTPase reaction that lead to constitutive activation are present in endocrine tumors, fibrous dysplasia of bone, and McCune-Albright syndrome. The molecular weight of Gs(alpha) protein is about 46 kDa.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen.  
**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

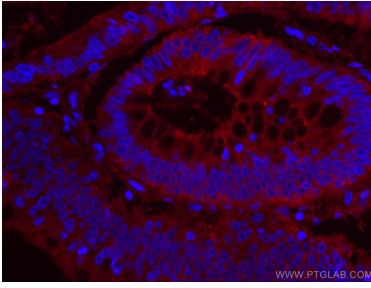
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

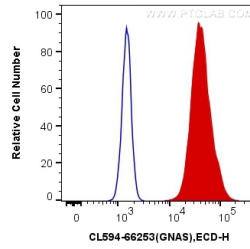
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed human colon cancer tissue using Coralite®594 GNAS antibody (CL594-66253, Clone: 1A9C10) at dilution of 1:200.



1X10<sup>6</sup> MCF-7 cells were intracellularly stained with 0.4 ug Coralite®594 Anti-Human GNAS (CL594-66253, Clone:1A9C10) (red), or 0.4 ug Mouse IgG2b Isotype Control (CL594-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).