

For Research Use Only

CoraLite® Plus 647-conjugated GNAS Monoclonal antibody



Catalog Number: **CL647-66253**

Basic Information

Catalog Number: CL647-66253	GenBank Accession Number: BC002722	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2778	CloneNo.: 1A9C10
Source: Mouse	UNIPROT ID: O95467	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG2b	Full Name: GNAS complex locus	
Immunogen Catalog Number: AG20530	Calculated MW: 45 kDa	
	Observed MW: 46 kDa	

Applications

Tested Applications:
Species Specificity:
human, pig

Background Information

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.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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