

For Research Use Only

CoraLite® Plus 555-conjugated NRAS Polyclonal antibody



Catalog Number: CL555-10724

Featured Product

Basic Information

Catalog Number: CL555-10724	GenBank Accession Number: BC005219	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1 mg/mL by Nanodrop;	GeneID (NCBI): 4893	Excitation/Emission maxima wavelengths: 554 nm / 570 nm
Source: Rabbit	Full Name: neuroblastoma RAS viral (v-ras) oncogene homolog	
Isotype: IgG	Calculated MW: 21 kDa	
Immunogen Catalog Number: AG1081	Observed MW: 21 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse, rat

Background Information

NRAS, also named as N-ras and NRAS1, is neuroblastoma RAS viral (v-ras) oncogene homolog from the mammalian ras gene family and it is a member of the small GTPase superfamily. RAS proteins are involved in signal transduction pathways, and bind GDP/GTP and possess intrinsic GTPase activity. It is mapped on chromosome 1, and it is activated in HL60, a promyelocytic leukemia line. Defects in NRAS are a cause of juvenile myelomonocytic leukemia (JMML).

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.

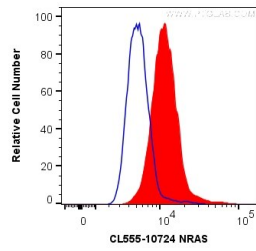
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 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.

Selected Validation Data



1X10⁶ A431 cells were intracellularly stained with 0.5 ug CoraLite® Plus 555 Anti-Human NRAS (CL555-10724) (red), or 0.5 ug CL555 Rabbit Isotype Control (CL555-30000)(blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).