

For Research Use Only

CoraLite® Plus 555-conjugated NRAS Polyclonal antibody



Catalog Number: CL555-10724

Featured Product

Basic Information

Catalog Number:

CL555-10724

Size:

1 mg/mL

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1081

GenBank Accession Number:

BC005219

GeneID (NCBI):

4893

UNIPROT ID:

P01111

Full Name:

neuroblastoma RAS viral (v-ras)

oncogene homolog

Calculated MW:

21 kDa

Observed MW:

21 kDa

Purification Method:

Antigen affinity purification

Excitation/Emission maxima
wavelengths:

554 nm / 570 nm

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

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

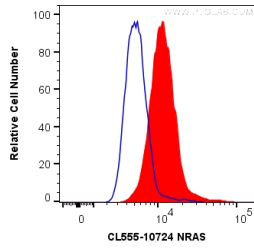
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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).