

For Research Use Only

# CoraLite® Plus 555-conjugated NRAS Polyclonal antibody

Catalog Number: CL555-10724

Featured Product



## Basic Information

Catalog Number:

CL555-10724

Size:

100ul , Concentration: 1 mg/mL by Nanodrop;

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

Recommended Dilutions:

FC (Intra): 0.50 ug per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

554 nm / 570 nm

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

Positive Controls:

FC (Intra) : A431 cells,

## 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, pH7.3

Aliquoting is unnecessary for -20°C storage

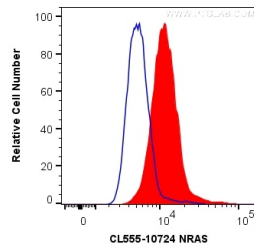
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1X10<sup>6</sup> 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).