

For Research Use Only

# HRAS Recombinant antibody

Catalog Number: 82682-13-RR



## Basic Information

Catalog Number:	82682-13-RR	GenBank Accession Number:	BC006499	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	3265	CloneNo.:	242062C11
Source:	Rabbit	UNIPROT ID:	P01112	Recommended Dilutions:	FC (Intra): 0.25 ug per 10 <sup>6</sup> cells in a 100 µl suspension
Isotype:	IgG	Full Name:	v-Ha-ras Harvey rat sarcoma viral oncogene homolog		
		Calculated MW:	21 kDa		

## Applications

Tested Applications:	Positive Controls:
FC (Intra), ELISA	FC (Intra): HeLa cells, HepG2 cells
Species Specificity:	
human	

## Background Information

HRAS, also named as c-bas/has and RASH1, is v-Ha-ras Harvey rat sarcoma viral 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. Defects in HRAS are a cause of cancer. The antibody is specific to HRAS, can't recognize NRAS and KRAS.

## Storage

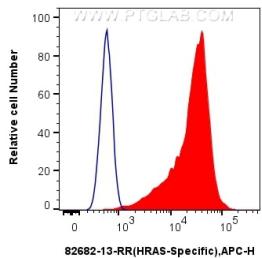
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

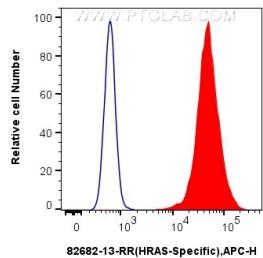
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## Selected Validation Data



1x10<sup>6</sup> HeLa cells were intracellularly stained with 0.25 ug HRAS-Specific Recombinant Antibody (82682-13-RR, Clone:242062C11) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



1x10<sup>6</sup> HepG2 cells were intracellularly stained with 0.25 ug HRAS-Specific Recombinant Antibody (82682-13-RR, Clone:242062C11) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).