

For Research Use Only

NRAS Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 83815-4-PBS



Basic Information

Catalog Number: 83815-4-PBS	GenBank Accession Number: BC005219	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 4893	CloneNo.: 242810E2
Isotype: IgG	UNIPROT ID: P01111	
Immunogen Catalog Number: AG1081	Full Name: neuroblastoma RAS viral (v-ras) oncogene homolog	
	Calculated MW: 21 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Background Information

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

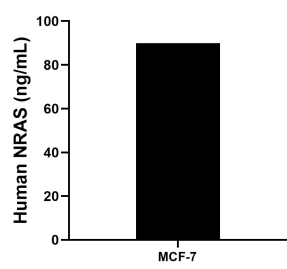
T: 4006900926

E: Proteintech-CN@ptglab.com

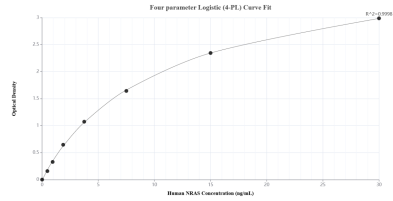
W: ptgcn.com

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

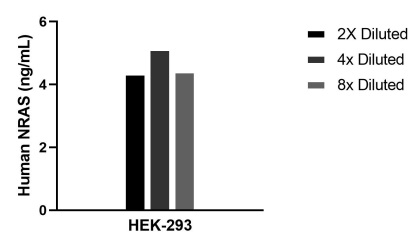
Selected Validation Data



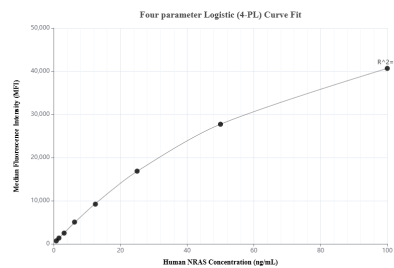
The mean NRAS concentration was determined to be 89.97 ng/mL in MCF-7 cell extract based on a 1.20 mg/mL extract load.



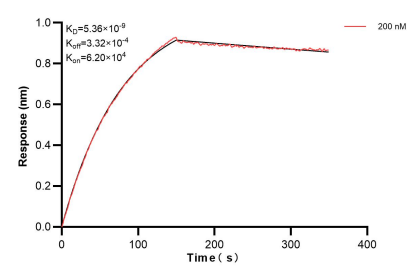
Sandwich ELISA standard curve of MP02246-1, Human NRAS Recombinant Matched Antibody Pair - PBS only. 83815-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag1081. 83815-3-PBS was HRP conjugated as the detection antibody. Range: 0.469-30 ng/mL



The mean NRAS concentration was determined to be 4.6 ng/mL in HEK-293 cell extract based on a 2.9 mg/mL extract load.



Cytometric bead array standard curve of MP02246-1, NRAS Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83815-4-PBS. Detection antibody: 83815-3-PBS. Standard: Ag1081. Range: 0.781-100 ng/mL



Biolayer interferometry (BLI) kinetic assay of 83815-4-PBS against Human NRAS was performed. The affinity constant is 5.36 nM.