

For Research Use Only

RRAS Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87667-1-PBS



Basic Information

Catalog Number: 87667-1-PBS	GenBank Accession Number: NM_006270.5	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 6237	CloneNo.: 253028H2
Isotype: IgG	UNIPROT ID: P10301	
Immunogen Catalog Number: EG6612	Full Name: related RAS viral (r-ras) oncogene homolog	
	Calculated MW: 23 kDa	
	Observed MW: 23 kDa	

Applications

Tested Applications:
WB, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Background Information

RRAS belongs to the Ras subfamily of small G-proteins, which are frequently implicated in cell growth and differentiation. RRAS is a small GTPase involved in diverse processes including angiogenesis, vascular homeostasis and regeneration, cell adhesion, and neuronal axon guidance. Mutations in this gene are found in many invasive cancers.

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:

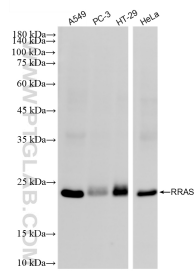
T: 4006900926

E: Proteintech-CN@ptglab.com

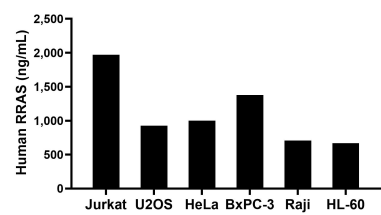
W: ptgcn.com

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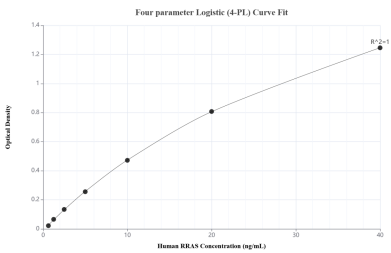
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87667-1-RR (RRS antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87667-1-PBS in a different storage buffer formulation.



The mean RRS concentration was determined to be 1,971.10 ng/mL in Jurkat cell extract based on a 1.20 mg/mL extract load, 926.11 ng/mL in U2OS cell extract based on a 1.20 mg/mL extract load, 1,001.10 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load, 1,377.33 ng/mL in BxPC-3 cell extract based on a 1.20 mg/mL extract load, 707.70 ng/mL in Raji cell extract based on a 1.20 mg/mL extract load and 670.37 ng/mL in HL-60 cell extract based on a 1.50



Sandwich ELISA standard curve of MP03286-1, Human RRS Recombinant Matched Antibody Pair - PBS only. 87667-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg6612. 87667-1-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL.