

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
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6237	CloneNo.: 253028H2
Source: Rabbit	UNIPROT ID: P10301	
Isotype: IgG	Full Name: related RAS viral (r-ras) oncogene homolog	
Immunogen Catalog Number: EG6612	Calculated MW: 23 kDa	
	Observed MW: 23 kDa	

Applications

Tested Applications:
WB, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87667-1-PBS targets RRAS as part of a matched antibody pair:

MP03286-1: 87667-2-PBS capture and 87667-1-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

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

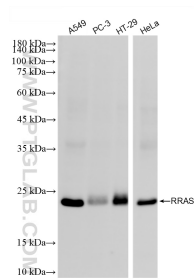
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

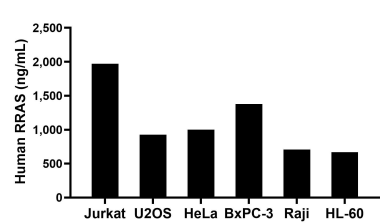
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

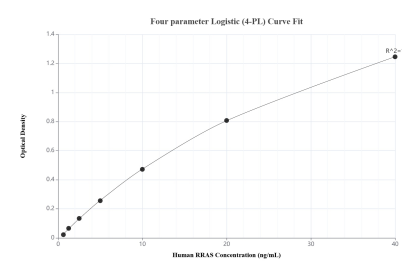
Selected Validation Data



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.