

For Research Use Only

IRAK1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 86068-4-PBS



Basic Information

Catalog Number: 86068-4-PBS	GenBank Accession Number: BC014963	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3654	CloneNo.: 250691A10
Source: Rabbit	UNIPROT ID: P51617	
Isotype: IgG	Full Name: interleukin-1 receptor-associated kinase 1	
Immunogen Catalog Number: AG0728	Calculated MW: 77 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

86068-4-PBS targets IRAK1 as part of a matched antibody pair:

MP02250-2: 86068-2-PBS capture and 86068-4-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.

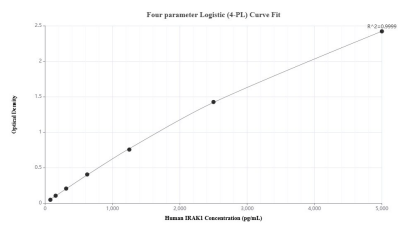
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

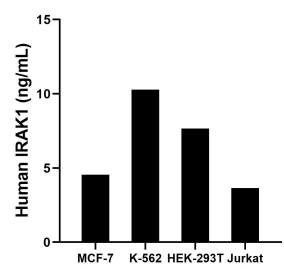
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Sandwich ELISA standard curve of MP02250-2, Human IRAK1 Recombinant Matched Antibody Pair - PBS only. 86068-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0728. 86068-4-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean IRAK1 concentration was determined to be 4.55 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load, 10.28 ng/mL in K-562 cell extract based on a 2.5 mg/mL extract load, 7.66 ng/mL in HEK-293T cell extract based on a 1.3 mg/mL extract load and 3.65 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load.