

For Research Use Only

IRAK4 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 88124-2-PBS



Basic Information

Catalog Number: 88124-2-PBS	GenBank Accession Number: BC013316	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 51135	CloneNo.: 260406H6
Source: Rabbit	UNIPROT ID: Q9NWZ3	
Isotype: IgG	Full Name: interleukin-1 receptor-associated kinase 4	
Immunogen Catalog Number: AG12982	Calculated MW: 52 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

88124-2-PBS targets IRAK4 as part of a matched antibody pair:

MP03420-1: 88124-3-PBS capture and 88124-2-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.

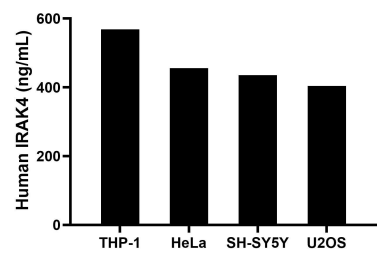
Storage

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

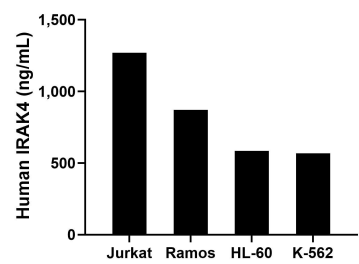
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

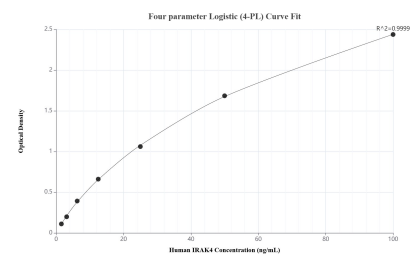
Selected Validation Data



The mean IRAK4 concentration was determined to be 568.41 ng/mL in THP-1 cell extract based on a 1.20 mg/mL extract load, 456.19 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load, 435.79 ng/mL in SH-SY5Y cell extract based on a 1.20 mg/mL extract load and 403.69 ng/mL in U2OS cell extract based on a 1.20 mg/mL extract load.



The mean IRAK4 concentration was determined to be 1,268.87 ng/mL in Jurkat cell extract based on a 1.20 mg/mL extract load, 871.67 ng/mL in Ramos cell extract based on a 1.50 mg/mL extract load, 584.26 ng/mL in HL-60 cell extract based on a 1.20 mg/mL extract load and 566.48 ng/mL in K-562 cell extract based on a 1.20 mg/mL extract load.



Sandwich ELISA standard curve of MP03420-1, Human IRAK4 Recombinant Matched Antibody Pair - PBS only. 88124-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag12982. 88124-2-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL.