

For Research Use Only

Mouse IL-7R alpha/CD127 Recombinant antibody, PBS Only (Capture)

Catalog Number: 85401-2-PBS



Basic Information

Catalog Number: 85401-2-PBS	GenBank Accession Number: NM_008372.4	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 16197	CloneNo.: 242852C5
Source: Rabbit	UNIPROT ID: P16872	
Isotype: IgG	Full Name: interleukin 7 receptor	
Immunogen Catalog Number: EG1826	Calculated MW: 52 kDa	

Applications

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

Species Specificity:
mouse

Product Information

85401-2-PBS targets IL-7R alpha/CD127 as part of a matched antibody pair:

MP01932-2: 85401-2-PBS capture and 85401-3-PBS detection (validated in Cytometric bead array, 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

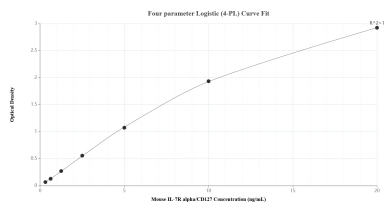
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

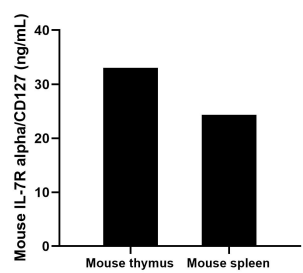
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

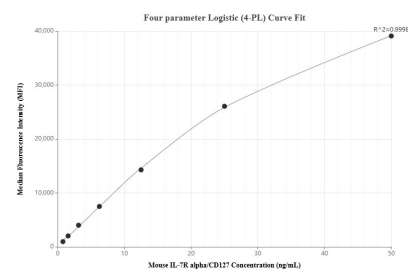
Selected Validation Data



Sandwich ELISA standard curve of MP01932-2, Mouse IL-7R alpha/CD127 Recombinant Matched Antibody Pair - PBS only. 85401-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1826. 85401-3-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



The mean IL-7R alpha/CD127 concentration was determined to be 33.02 ng/mL in mouse thymus tissue extract based on a 5.80 mg/mL extract load and 24.33 ng/mL in mouse spleen tissue extract based on a 8.40 mg/mL extract load.



Cytometric bead array standard curve of MP01932-2, MOUSE IL-7R alpha/CD127 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85401-2-PBS. Detection antibody: 85401-3-PBS. Standard: Eg1826. Range: 0.781-50 ng/mL