

For Research Use Only

Mouse LAG-3/CD223 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83941-4-PBS



Basic Information

Catalog Number: 83941-4-PBS	GenBank Accession Number: NM_008479.2	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 16768	CloneNo.: 241007D11
Source: Rabbit	UNIPROT ID: Q61790	
Isotype: IgG	Full Name: lymphocyte-activation gene 3	
	Calculated MW: 57kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
mouse

Product Information

83941-4-PBS targets LAG-3/CD223 as part of a matched antibody pair.

MP00927-3: 83941-4-PBS capture and 83941-3-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

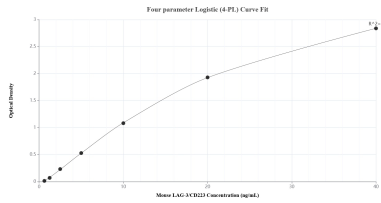
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

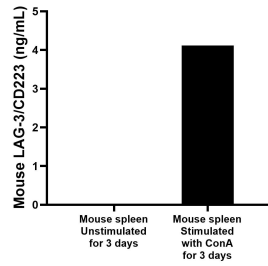
E: proteintech@ptglab.com
W: ptglab.com

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 MP00927-3, Mouse LAG-3/CD223 Recombinant Matched Antibody Pair - PBS only. 83941-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1220. 83941-3-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL



One mouse spleen was cultured for 18 hours in RPMI 1640 supplemented with 10% fetal bovine serum, 50 μ M β -mercaptoethanol, 2 mM L-glutamine, and 100 μ g/mL of streptomycin sulfate. The cells were stimulated with 5 μ g/mL of ConA. An aliquot of the cell culture supernatant was removed, assayed for mouse LAG-3/CD223 and measured 4.12 ng/mL.