

For Research Use Only

HMGB1 Recombinant antibody, PBS Only (Detector)

Catalog Number:82973-3-PBS



Basic Information

Catalog Number: 82973-3-PBS	GenBank Accession Number: BC003378	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 3146	CloneNo.: 230182C2
Source: Rabbit	UNIPROT ID: P09429	
Isotype: IgG	Full Name: high-mobility group box 1	
Immunogen Catalog Number: AG1264	Calculated MW: 25 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

82973-3-PBS targets HMGB1 as part of a matched antibody pair:

MP00311-1: 82973-1-PBS capture and 82973-3-PBS detection (validated in Sandwich ELISA)

MP00311-2: 82973-2-PBS capture and 82973-3-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

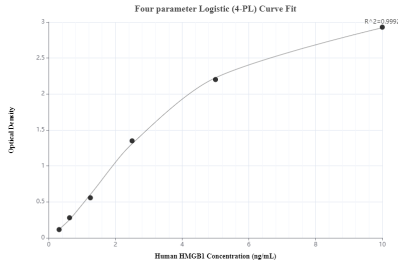
For technical support and original validation data for this product please contact:

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

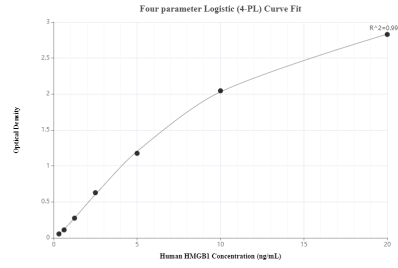
E: proteintech@ptglab.com
W: ptglab.com

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

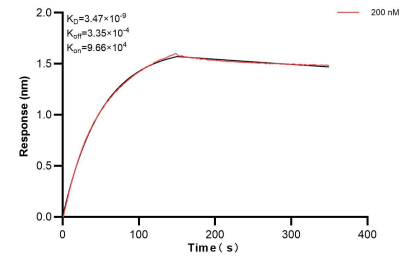
Selected Validation Data



Sandwich ELISA standard curve of MP00311-1, HMGB1 Recombinant Matched Antibody Pair, PBS Only. 82973-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag1264. 82973-3-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.



Sandwich ELISA standard curve of MP00311-2, HMGB1 Recombinant Matched Antibody Pair, PBS Only. 82973-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag1264. 82973-3-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL.



Bi-layer interferometry (BLI) kinetic assay of 82973-3-PBS against Human HMGB1 was performed. The affinity constant is 3.47 nM.