

For Research Use Only

HMGB2 Recombinant antibody, PBS Only (Capture)

Catalog Number:83482-7-PBS



Basic Information

Catalog Number: 83482-7-PBS	GenBank Accession Number: BC001063	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3148	CloneNo.: 240453G11
Source: Rabbit	UNIPROT ID: P26583	
Isotype: IgG	Full Name: high-mobility group box 2	
Immunogen Catalog Number: AG6135	Calculated MW: 24 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

83482-7-PBS targets HMGB2 as part of a matched antibody pair:

MP00480-3: 83482-7-PBS capture and 83482-6-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

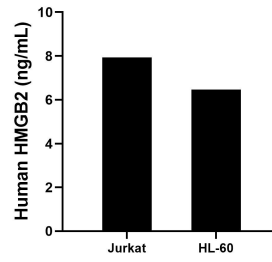
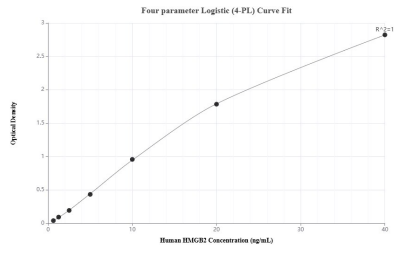
For technical support and original validation data for this product please contact:

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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 MP00480-3, Human HMGB2 Recombinant Matched Antibody Pair - PBS only. 83482-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag6135. 83482-6-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL

The mean HMGB2 concentration was determined to be 7.93 ng/mL in Jurkat cell extract based on a 1.5 mg/mL extract load and 6.47 ng/mL in HL-60 cell extract based on a 1.4 mg/mL extract load.