

For Research Use Only

HMGB2 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00480-3

Capture Antibody Information

Catalog Number:
83482-7-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240453G11
Reactivity:
human
GenBank:
BC001063
Immunogen Catalog Number:
Ag6135

Conjugate:
Unconjugated
Full name:
high-mobility group box 2
Gene ID:
3148

Detection Antibody Information

Catalog Number:
83482-6-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240453C8
Reactivity:
human
GenBank:
BC001063
Immunogen Catalog Number:
Ag6135

Conjugate:
Unconjugated
Full name:
high-mobility group box 2
Gene ID:
3148

Applications

Tested Applications:
Sandwich ELISA

Range:
0.625-40 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP00480-3 targets HMGB2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: HMGB2 Recombinant antibody, PBS Only (Capture) 83482-7-PBS (240453G11). 100 μ g. Concentration 1 mg/mL.

Detection antibody: HMGB2 Recombinant antibody, PBS Only (Detector) 83482-6-PBS (240453C8). 100 μ g. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

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

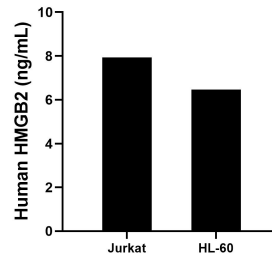
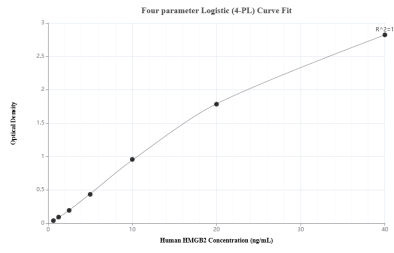
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.