

For Research Use Only

Beta galactosidase Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00647-4

Capture Antibody Information

Catalog Number:
83706-4-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240788C5

Reactivity:
human

Immunogen Catalog Number:
Ag7792

Conjugate:
Unconjugated

Full name:
galactosidase, beta 1

Gene ID:
2720

Detection Antibody Information

Catalog Number:
83706-6-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240788F1

Reactivity:
human

GenBank:
BC007493

Immunogen Catalog Number:
Ag7792

Conjugate:
Unconjugated

Full name:
galactosidase, beta 1

Gene ID:
2720

Applications

Tested Applications:
Sandwich ELISA

Range:
0.39-12.5 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

MP00647-4 targets Beta galactosidase in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Beta galactosidase Recombinant antibody, PBS Only (Capture/Detector) 83706-4-PBS (240788C5). 100 µg. Concentration 1 mg/ml.

Detection antibody: Beta galactosidase Recombinant antibody, PBS Only (Detector) 83706-6-PBS (240788F1). 100 µg. Concentration 1 mg/ml.

Alternative Beta galactosidase matched antibody pairs: MP00647-1, MP00647-2, MP00647-3, MP50362-1, MP50362-2

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.
Storage buffer:
PBS only

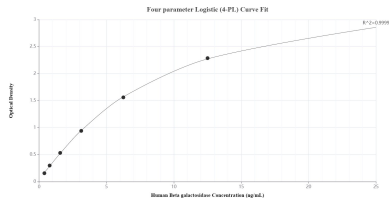
For technical support and original validation data for this product please contact:

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

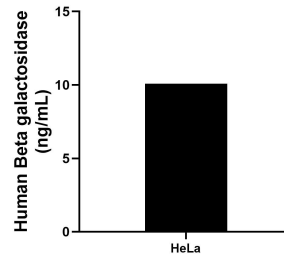
E: proteintech@ptglab.com
W: ptglab.com

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 MP00647-4, Human Beta galactosidase Recombinant Matched Antibody Pair - PBS only. 83706-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag7792. 83706-6-PBS was HRP conjugated as the detection antibody. Range: 0.39-12.5 ng/mL



The mean Beta galactosidase concentration was determined to be 10.08 ng/mL in HeLa cell extract based on a 2.00 mg/mL extract load.