

For Research Use Only

Mouse CD163 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00326-3

Capture Antibody Information

Catalog Number:
83285-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240233F4
Reactivity:
mouse

Conjugate:
Unconjugated
Full name:
CD163 antigen
Gene ID:
93671

Detection Antibody Information

Catalog Number:
83285-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240233G5
Reactivity:
mouse
GenBank:
NM_053094.2

Conjugate:
Unconjugated
Full name:
CD163 antigen
Gene ID:
93671

Applications

Tested Applications:
Sandwich ELISA

Range:
78.1-5000 pg/mL (Sandwich ELISA)

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

Product Information

MP00326-3 targets CD163 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse CD163 Recombinant antibody, PBS Only (Capture/Detector) 83285-1-PBS (240233F4). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse CD163 Recombinant antibody, PBS Only (Capture/Detector) 83285-2-PBS (240233G5). 100 µg. 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.
Storage buffer:
PBS only

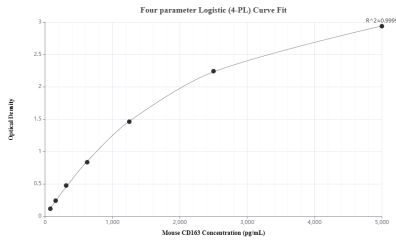
For technical support and original validation data for this product please contact:

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

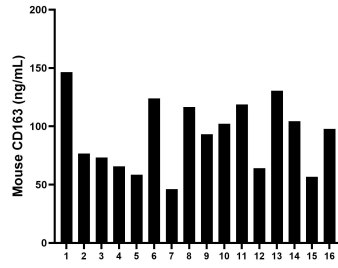
E: proteintech@ptglab.com
W: ptglab.com

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

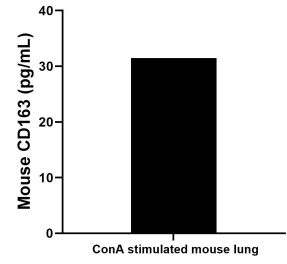
Selected Validation Data



Sandwich ELISA standard curve of MP00326-3, mouse CD163 Recombinant Matched Antibody Pair - PBS only. 83285-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard: Eg0794. 83285-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



Serum of sixteen mice was measured. The CD163 concentration of detected samples was determined to be 92.2 ng/mL with a range of 46.2-146.5 ng/mL.



For the mouse lung supernatant cultured for 3 days, the mean mouse CD163 concentration was determined to be 154.4 pg/mL in ConA stimulated mouse lung supernatant.