

LAG-3/CD223 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02008-3**

Capture Antibody Information

Catalog Number:
80855-6-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
243086F1
Reactivity:
human

Conjugate:
Unconjugated
Full name:
lymphocyte-activation gene 3
Gene ID:
3902

Detection Antibody Information

Catalog Number:
80855-5-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
243086H8
Reactivity:
human
GenBank:
NM_002286

Conjugate:
Unconjugated
Full name:
lymphocyte-activation gene 3
Gene ID:
3902

Applications

Tested Applications:
Sandwich ELISA

Range:
0.313-20 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

MP02008-3 targets LAG-3/CD223 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: LAG3 Recombinant antibody, PBS Only (Capture) 80855-6-PBS (243086F1). 100 µg. Concentration 1 mg/mL.

Detection antibody: LAG3 Recombinant antibody, PBS Only (Detector) 80855-5-PBS (243086H8). 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.

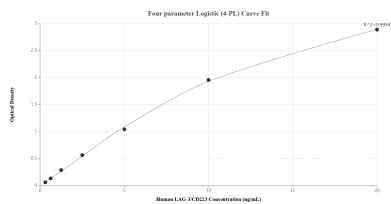
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

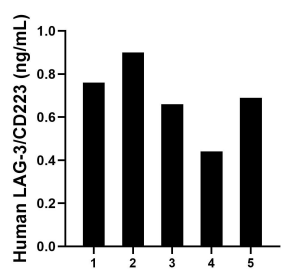
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

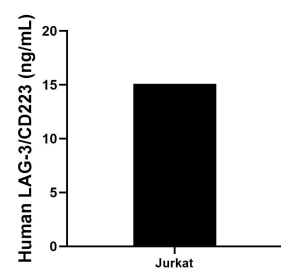
Selected Validation Data



Sandwich ELISA standard curve of MP02008-3, Human LAG-3/CD223 Recombinant Matched Antibody Pair - PBS only. 80855-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg31550. 80855-5-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



Serum of five individual healthy human donors was measured. The LAG-3/CD223 concentration of detected samples was determined to be 0.69 ng/mL with a range of 0.44-0.90 ng/mL



The mean LAG-3/CD223 concentration was determined to be 15.08 ng/mL in Jurkat cell extract based on a 1.90 mg/mL extract load.