

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

Catalog Number: **MP00927-3**

## Capture Antibody Information

**Catalog Number:**  
83941-4-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
241007D11  
**Reactivity:**  
mouse  
**GenBank:**  
NM\_008479.2

**Conjugate:**  
Unconjugated  
**Full name:**  
lymphocyte-activation gene 3  
**Gene ID:**  
16768

## Detection Antibody Information

**Catalog Number:**  
83941-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
241007G10  
**Reactivity:**  
mouse  
**GenBank:**  
NM\_008479.2

**Conjugate:**  
Unconjugated  
**Full name:**  
lymphocyte-activation gene 3  
**Gene ID:**  
16768

## 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

MP00927-3 targets LAG-3/CD223 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse LAG-3/CD223 Recombinant antibody, PBS Only (Capture) 83941-4-PBS (241007D11). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse LAG-3/CD223 Recombinant antibody, PBS Only (Capture/Detector) 83941-3-PBS (241007G10). 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.

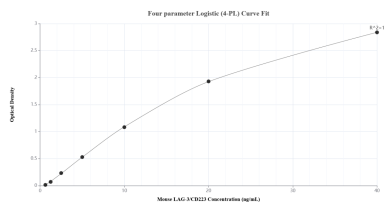
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

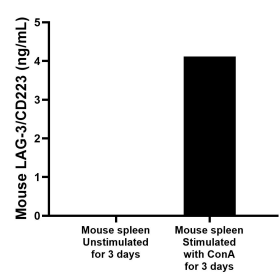
## Storage

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

## Selected Validation Data



Sandwich ELISA standard curve of MP00927-3, Mouse LAG-3/CD223 Recombinant Matched Antibody Pair - PBS only. 83941-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1220. 83941-3-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL



One mouse spleen was cultured for 18 hours in RPMI 1640 supplemented with 10% fetal bovine serum, 50  $\mu$  M  $\beta$ -mercaptoethanol, 2 mM L-glutamine, and 100  $\mu$  g/mL of streptomycin sulfate. The cells were stimulated with 5  $\mu$  g/mL of ConA. An aliquot of the cell culture supernatant was removed, assayed for mouse LAG-3/CD223 and measured 4.12 ng/mL.