

TIGIT Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP00528-2

Capture Antibody Information

Catalog Number:
83545-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240423D3

Reactivity:
human, mouse, rat

GenBank:
NM_173799.4

Conjugate:
Unconjugated

Full name:
T cell immunoreceptor with Ig and ITIM domains

Gene ID:
201633

Detection Antibody Information

Catalog Number:
83545-4-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240423H2

Reactivity:
human

GenBank:
NM_173799.4

Conjugate:
Unconjugated

Full name:
T cell immunoreceptor with Ig and ITIM domains

Gene ID:
201633

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.625-40 ng/mL (Cytometric Bead Array)
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

MP00528-2 targets TIGIT in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: TIGIT Recombinant antibody, PBS Only (Capture) 83545-1-PBS (240423D3). 100 µg. Concentration 1 mg/mL.

Detection antibody: TIGIT Recombinant antibody, PBS Only (Capture/Detector) 83545-4-PBS (240423H2). 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.

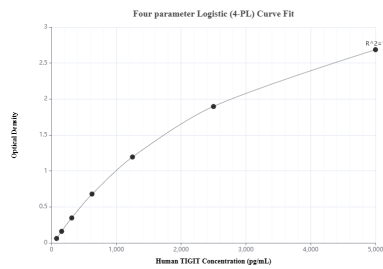
Antibody use should be optimized for each application and assay.

Storage

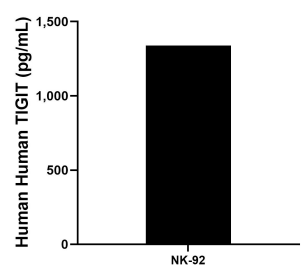
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:
PBS only

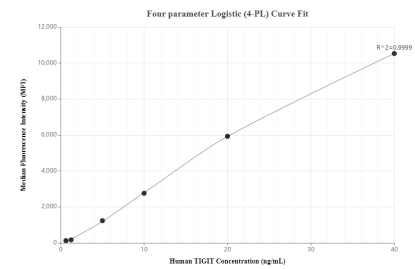
Selected Validation Data



Sandwich ELISA standard curve of MP00528-2, Human TIGIT Recombinant Matched Antibody Pair - PBS only. 83545-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0749. 83545-4-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean TIGIT concentration was determined to be 1,338.3 pg/mL in NK-92 cell extract based on a 2.0 mg/mL extract load.



Cytometric bead array standard curve of MP00528-2, TIGIT Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83545-1-PBS. Detection antibody: 83545-4-PBS. Standard: Eg0749. Range: 0.625-40 ng/mL