

TNC/Tenascin-C Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00755-2**

Capture Antibody Information

Catalog Number:
83767-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240844A5
Reactivity:
human
GenBank:
BC151843
Immunogen Catalog Number:
Ag27122

Conjugate:
Unconjugated
Full name:
tenascin C
Gene ID:
3371

Detection Antibody Information

Catalog Number:
83767-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240844F12
Reactivity:
human
GenBank:
BC151843
Immunogen Catalog Number:
Ag27122

Conjugate:
Unconjugated
Full name:
tenascin C
Gene ID:
3371

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.78-100 ng/mL (Cytometric Bead Array)
1.25-40 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

MP00755-2 targets TNC/Tenascin-C in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: TNC/Tenascin-C Recombinant antibody, PBS Only (Capture) 83767-3-PBS (240844A5). 100 µg. Concentration 1 mg/mL.

Detection antibody: TNC/Tenascin-C Recombinant antibody, PBS Only (Detector) 83767-4-PBS (240844F12). 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.

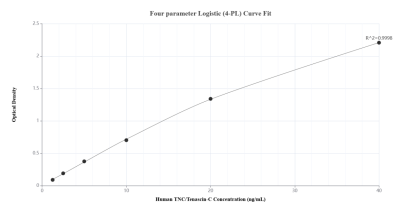
Storage

Storage:
Store at -80°C.

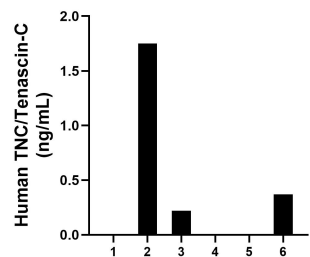
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:
PBS only

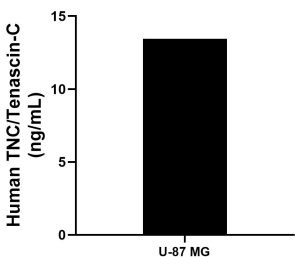
Selected Validation Data



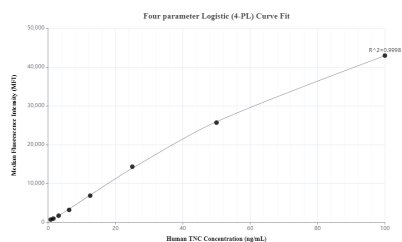
Sandwich ELISA standard curve of MP00755-2, Human TNC/Tenascin-C Recombinant Matched Antibody Pair - PBS only. 83767-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag27122. 83767-4-PBS was HRP conjugated as the detection antibody. Range: 1.25-40 ng/mL



Serum of six individual healthy human donors was measured. The TNC/Tenascin-C concentration of detected samples was determined to be 0.78 ng/mL with a range of ND-1.75 ng/mL



The mean TNC/Tenascin-C concentration was determined to be 13.44 ng/mL in U-87 MG cell extract based on a 1.00 mg/mL extract load.



Cytometric bead array standard curve of MP00755-2, TNC/Tenascin-C Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83767-3-PBS. Detection antibody: 83767-4-PBS. Standard: Ag27122. Range: 0.78-100 ng/mL