

# TNF beta Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50585-2**

## Capture Antibody Information

<b>Catalog Number:</b> 60438-1-PBS	<b>Clone ID:</b> 4G9D4	<b>Conjugate:</b> Unconjugated
<b>Host:</b> Mouse	<b>Reactivity:</b> human	<b>Full name:</b> lymphotoxin alpha (TNF superfamily, member 1)
<b>Isotype:</b> IgG1	<b>GenBank:</b> BC034729	<b>Gene ID:</b> 4049
<b>Purification Method:</b> Protein G Magarose purification	<b>Immunogen Catalog Number:</b> Eg0836	

## Detection Antibody Information

<b>Catalog Number:</b> 60438-3-PBS	<b>Clone ID:</b> 3C7F11	<b>Conjugate:</b> Unconjugated
<b>Host:</b> Mouse	<b>Reactivity:</b> human	<b>Full name:</b> lymphotoxin alpha (TNF superfamily, member 1)
<b>Isotype:</b> IgG1	<b>GenBank:</b> BC034729	<b>Gene ID:</b> 4049
<b>Purification Method:</b> Protein G Magarose purification	<b>Immunogen Catalog Number:</b> Eg0836	

## Applications

<b>Tested Applications:</b> Cytometric bead array	<b>Range:</b> 0.781-100 ng/mL (Cytometric Bead Array)	<b>Recommended Dilutions:</b> It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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## Product Information

MP50585-2 targets TNF beta in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: TNF beta Monoclonal antibody, PBS Only (Capture) 60438-1-PBS (4G9D4). 100 µg. Concentration 1 mg/mL.

Detection antibody: TNF beta Monoclonal antibody, PBS Only (Detector) 60438-3-PBS (3C7F11). 100 µg. Concentration 1 mg/mL.

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

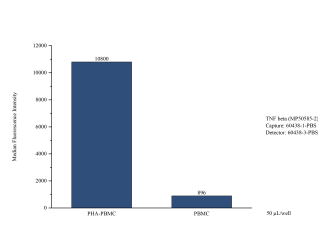
Antibody use should be optimized for each application and assay.

## Storage

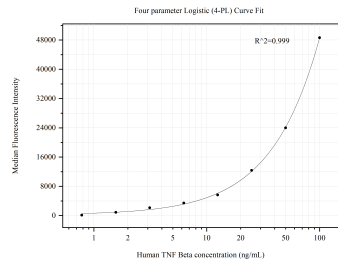
**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage buffer:**  
PBS only

# Selected Validation Data



Cytometric bead array of Human peripheral blood mononuclear cells (PBMC) supernatant using MP50585-2, TNF beta Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60438-1-PBS. Detection antibody: 60438-3-PBS. PBMC were cultured unstimulated or stimulated with 10 µg/mL PHA for 3 days. 50 µL of the supernatant was analyzed using MP50585-2.



Cytometric bead array standard curve of MP50585-2, TNF Beta Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60438-1-PBS. Detection antibody: 60438-3-PBS. Standard:Eg0836. Range: 0.781-100 ng/mL.