

For Research Use Only

NGF Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50038-1

Capture Antibody Information

Catalog Number:
68661-1-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G purification

Clone ID:
5F2E4
Reactivity:
Human
Immunogen Catalog Number:
HZ-1222

Conjugate:
Unconjugated
Full name:
nerve growth factor (beta polypeptide)
Gene ID:
4803
Affinity:
 $K_D = 2.69 \times 10^{-8}M$
 $K_{Off} = 2.17 \times 10^{-4}M$
 $K_{On} = 8.06 \times 10^3M$

Detection Antibody Information

Catalog Number:
68661-2-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G purification

Clone ID:
1B2F6
Reactivity:
Human
GenBank:
Immunogen Catalog Number:
HZ-1222

Conjugate:
Unconjugated
Full name:
nerve growth factor (beta polypeptide)
Gene ID:
4803
Affinity:
 $K_D = 3.37 \times 10^{-8}M$
 $K_{Off} = 2.39 \times 10^{-4}M$
 $K_{On} = 7.10 \times 10^3M$

Applications

Tested Applications:
Sandwich ELISA

Range:
3.9-250 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

MP50038-1 targets NGF in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.
Capture antibody: beta NGF Monoclonal antibody, PBS Only (Capture) 68661-1-PBS (5F2E4). 100 µg. Concentration 1 mg/mL.
Detection antibody: beta NGF Monoclonal antibody, PBS Only (Detector) 68661-2-PBS (1B2F6). 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.

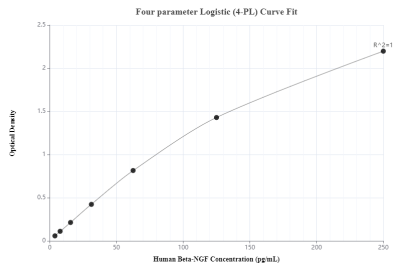
Storage

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

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



Sandwich ELISA standard curve of MP50038-1, NGF Monoclonal Matched Antibody Pair - PBS only. 68661-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard HZ-1222. 68661-2-PBS was biotinylated as the detection antibody. Range: 3.9-250 pg/mL.