

For Research Use Only

OXT Recombinant antibody, PBS Only (Detector)

Catalog Number: 84791-2-PBS



Basic Information

| | | |
|---|--|---|
| Catalog Number: 84791-2-PBS | GenBank Accession Number: BC101841 | Purification Method: Protein A purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 5020 | CloneNo.: 242251E9 |
| Source: Rabbit | UNIPROT ID: P01178 | |
| Isotype: IgG | Full Name: oxytocin, prepropeptide | |
| | Calculated MW: 125 aa, 13 kDa | |

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

84791-2-PBS targets OXT as part of a matched antibody pair:

MP01569-1: 84791-3-PBS capture and 84791-2-PBS detection (validated in Cytometric bead array)

MP01569-2: 84791-1-PBS capture and 84791-2-PBS detection (validated in Cytometric bead array)

MP01569-3: 84791-4-PBS capture and 84791-2-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

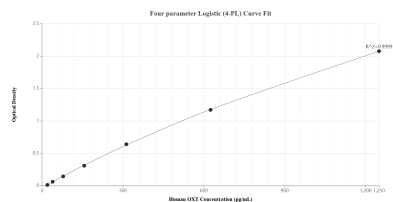
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

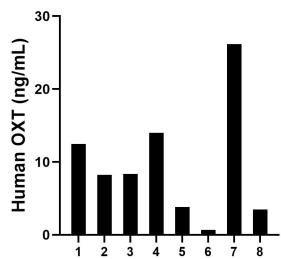
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

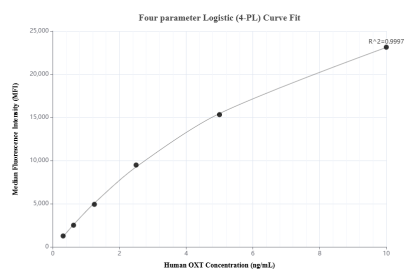
Selected Validation Data



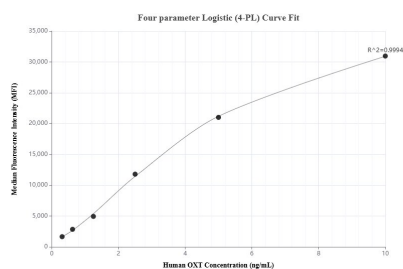
Sandwich ELISA standard curve of MP01569-3, Human OXT Recombinant Matched Antibody Pair - PBS only. 84791-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2237. 84791-2-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL.



Serum of eight individual healthy human donors was measured. The OXT concentration of detected samples was determined to be 9.7 ng/mL with a range of 0.7-26.2 ng/mL.



Cytometric bead array standard curve of MP01569-2, OXT Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84791-1-PBS. Detection antibody: 84791-2-PBS. Standard: Eg2237. Range: 0.313-40 ng/mL.



Cytometric bead array standard curve of MP01569-1, OXT Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84791-3-PBS. Detection antibody: 84791-2-PBS. Standard: Eg2237. Range: 0.313-20 ng/mL.