

# OXR1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP02740-1

## Capture Antibody Information

|                                                       |                                            |                                                    |
|-------------------------------------------------------|--------------------------------------------|----------------------------------------------------|
| <b>Catalog Number:</b><br>86448-2-PBS                 | <b>Clone ID:</b><br>251181A2               | <b>Conjugate:</b><br>Unconjugated                  |
| <b>Host:</b><br>Rabbit                                | <b>Reactivity:</b><br>human                | <b>Full name:</b><br>oxidative-stress responsive 1 |
| <b>Isotype:</b><br>IgG                                | <b>GenBank:</b><br>BC008726                | <b>Gene ID:</b><br>9943                            |
| <b>Purification Method:</b><br>Protein A purification | <b>Immunogen Catalog Number:</b><br>Ag8002 |                                                    |

## Detection Antibody Information

|                                                       |                                            |                                                    |
|-------------------------------------------------------|--------------------------------------------|----------------------------------------------------|
| <b>Catalog Number:</b><br>86448-3-PBS                 | <b>Clone ID:</b><br>251181H5               | <b>Conjugate:</b><br>Unconjugated                  |
| <b>Host:</b><br>Rabbit                                | <b>Reactivity:</b><br>human                | <b>Full name:</b><br>oxidative-stress responsive 1 |
| <b>Isotype:</b><br>IgG                                | <b>GenBank:</b><br>BC008726                | <b>Gene ID:</b><br>9943                            |
| <b>Purification Method:</b><br>Protein A purification | <b>Immunogen Catalog Number:</b><br>Ag8002 |                                                    |

## Applications

|                                               |                                                   |                                                                                                                                           |
|-----------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tested Applications:</b><br>Sandwich ELISA | <b>Range:</b><br>78.1-5000 pg/mL (Sandwich ELISA) | <b>Recommended Dilutions:</b><br>It is recommended that this reagent should be titrated in each testing system to obtain optimal results. |
|-----------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|

## Product Information

MP02740-1 targets OXR1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: OXR1 Recombinant monoclonal antibody, PBS Only (Capture) 86448-2-PBS (251181A2). 100 µg. Concentration 1 mg/mL.

Detection antibody: OXR1 Recombinant monoclonal antibody, PBS Only (Detector) 86448-3-PBS (251181H5). 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.

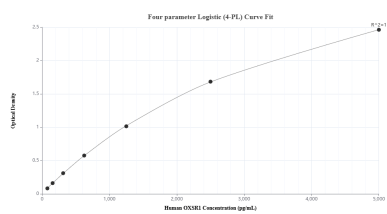
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

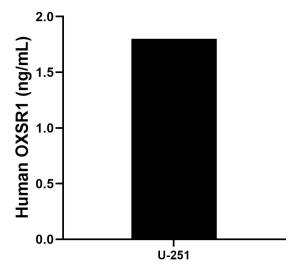
## Storage

**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 MP02740-1, Human OXSR1 Recombinant Matched Antibody Pair - PBS only. 86448-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag8002. 86448-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean OXSR1 concentration was determined to be 1.80 ng/mL in U-251 cell extract based on a 1.4 mg/mL extract load.