

For Research Use Only

# OXR1 Recombinant antibody, PBS Only (Capture)

Catalog Number:86359-2-PBS



## Basic Information

<b>Catalog Number:</b> 86359-2-PBS	<b>GenBank Accession Number:</b> BC032710	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 55074	<b>CloneNo.:</b> 251027G2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8N573	
<b>Isotype:</b> IgG	<b>Full Name:</b> oxidation resistance 1	
<b>Immunogen Catalog Number:</b> AG4439	<b>Calculated MW:</b> 758 aa, 85 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

86359-2-PBS targets OXR1 as part of a matched antibody pair:

MP02376-1: 86359-2-PBS capture and 86359-1-PBS detection (validated in Cytometric bead array, 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

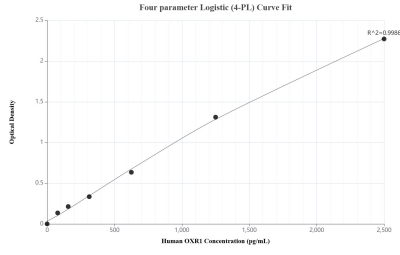
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

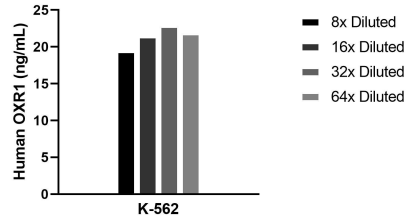
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

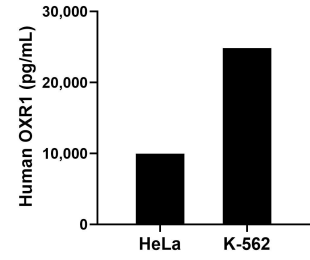
## Selected Validation Data



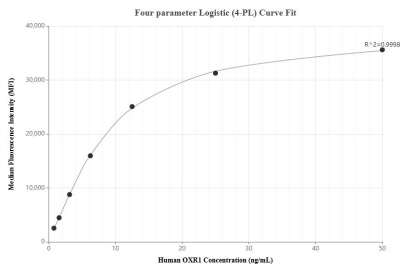
Sandwich ELISA standard curve of MP02376-1, Human OXR1 Recombinant Matched Antibody Pair - PBS only. 86359-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag4439. 86359-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-2500 pg/mL



The mean OXR1 concentration was determined to be 21.4 ng/mL in K-562 cell extract based on a 3.0 mg/mL extract load.



The mean OXR1 concentration was determined to be 9,942.9 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load and 24,819.9 ng/mL in K-562 cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP02376-1, OXR1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86359-2-PBS. Detection antibody: 86359-1-PBS. Standard: Ag4439. Range: 0.781-50 ng/mL