

For Research Use Only

# OSMR Recombinant antibody, PBS Only

Catalog Number: 84555-1-PBS



## Basic Information

<b>Catalog Number:</b> 84555-1-PBS	<b>GenBank Accession Number:</b> BC010943	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 9180	<b>CloneNo.:</b> 241865A6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q99650	
<b>Isotype:</b> IgG	<b>Full Name:</b> oncostatin M receptor	
<b>Immunogen Catalog Number:</b> AG1426	<b>Calculated MW:</b> 110 kDa	
	<b>Observed MW:</b> 150-180 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human

## Background Information

Oncostatin M (OSM) is a member of interleukin-6 family cytokines that modulates proliferation and differentiation in numerous cells (PMID: 22982441). OSM signals via a receptor complex comprising gp130 and the OSMR (also referred to as OSMR $\beta$ ) (PMID: 8999038). OSMR is a single-pass membrane protein that belongs to the type I cytokine receptor family. OSMR mRNA is expressed relatively high in all neural cells and fibroblast, epithelial, and various tumor cell lines (PMID: 8999038). It has also been shown that OSMR associates with IL31RA to form the heterodimeric IL31 receptor (PMID: 15184896). The predicted molecular weight of OSMR is 110 kDa, and bands of 150-180 kDa can also be detected (PMID: 8999038; 34644107; 30226002; 9188471; 22056139).

## 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

For technical support and original validation data for this product please contact:

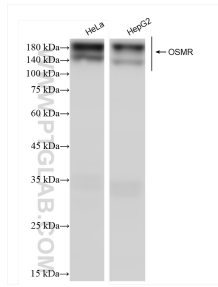
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84555-1-RR (OSMR antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84555-1-PBS in a different storage buffer formulation.