

For Research Use Only

# OSMR Recombinant antibody

Catalog Number: 84555-1-RR



## Basic Information

Catalog Number:

84555-1-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1426

GenBank Accession Number:

BC010943

GeneID (NCBI):

9180

UNIPROT ID:

Q99650

Full Name:

oncostatin M receptor

Calculated MW:

110 kDa

Observed MW:

150-180 kDa

Purification Method:

Protein A purification

CloneNo.:

241865A6

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, A375 cells, HepG2 cells

## 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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

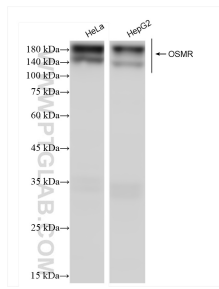
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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.