

For Research Use Only

OSMR Recombinant antibody, PBS Only

Catalog Number: 84555-1-PBS



Basic Information

Catalog Number:

84555-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

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 β) (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.

Storage Buffer:

PBS Only

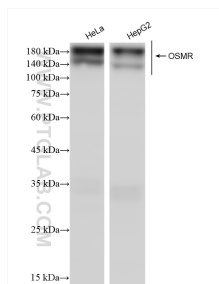
For technical support and original validation data for this product please contact:

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

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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.