

For Research Use Only

OSMR Polyclonal antibody

Catalog Number: 10982-1-AP

Featured Product

15 Publications



Basic Information

Catalog Number:

10982-1-AP

Size:

150ul, Concentration: 350 ug/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:

110 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, monkey

Cited Species:

human, mouse

Positive Controls:

WB : HeLa cells, A375 cells, HEK-293T cells, Raji 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 β) (PMID: 8999038). OSMR is a single-pass membrane protein that belongs to the type I cytokine receptor family. OSMR mRNA is expressed at relatively high levels 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). A 70 kDa soluble form can be detected by western blot (PMID: 17028186).

Notable Publications

Author	Pubmed ID	Journal	Application
Melissa Valussi	34644107	Sci Adv	IF
Jie Zhou	35765036	Stem Cell Res Ther	WB
V Patra	31049931	Br J Dermatol	IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

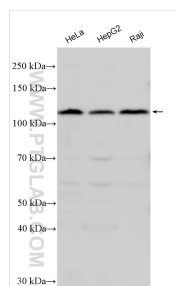
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

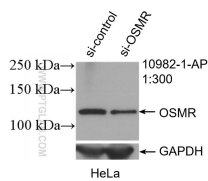
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10982-1-AP (OSMR antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



WB result of OSMR antibody (10982-1-AP; 1:300; incubated at room temperature for 1.5 hours) with sh-Control and sh-OSMR transfected HeLa cells.