

For Research Use Only

OSMR Polyclonal antibody

Catalog Number: 10982-1-AP

Featured Product

10 Publications



Basic Information

Catalog Number: 10982-1-AP	GenBank Accession Number: BC010943	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 350 µg/ml by Nanodrop;	GeneID (NCBI): 9180	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Full Name: oncostatin M receptor	
Isotype: IgG	Calculated MW: 110 kDa	
Immunogen Catalog Number: AG1426	Observed MW: 110 kDa	

Applications

Tested Applications:
WB, ELISA

Cited Applications:
IF, IHC, WB

Species Specificity:
human, monkey

Cited Species:
human, mouse

Positive Controls:

WB: HeLa cells, A375 cells, HEK-293T cells, HepG2 cells, Raji 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

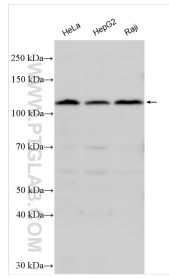
For technical support and original validation data for this product please contact:

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

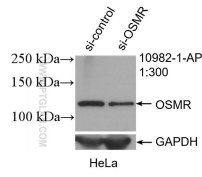
E: proteintech@ptglab.com
W: ptglab.com

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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.