

For Research Use Only

OSMR Monoclonal antibody

Catalog Number: 60071-1-Ig



Basic Information

Catalog Number: 60071-1-Ig	GenBank Accession Number: BC010943	Purification Method: Protein G purification
Size: 150ul , Concentration: 900 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9180	CloneNo.: 4B11D4
Source: Mouse	Full Name: oncostatin M receptor	
Isotype: IgG1	Calculated MW: 160 kDa/220 kDa	
Immunogen Catalog Number: AG1426	Observed MW: 120 kDa	

Applications

Tested Applications:
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 OSMRβ) (PMID: 8999038). OSMR is a single-pass membrane protein which belongs to the type I cytokine receptor family. OSMR mRNA is expressed at relatively high levels in all neural cells as well as fibroblast, epithelial and a variety of tumor cell lines (PMID: 8999038). It has also been shown that OSMR associates with IL31RA to form the heterodimeric IL31 receptor (PMID: 15184896).

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:
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Selected Validation Data