

Datasheet for ABIN2782612

**anti-Oncostatin M Receptor antibody (N-Term)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µL
Target:	Oncostatin M Receptor (OSMR)
Binding Specificity:	N-Term
Reactivity:	Human, Dog, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Oncostatin M Receptor antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human OSMR
Sequence:	YQSEVLAERL PLTPVSLKVS TNSTRQSLHL QWTVHNLPHYH QELKMVFQIQ
Predicted Reactivity:	Cow: 77%, Dog: 79%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against OSMR. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	Oncostatin M Receptor (OSMR)
Alternative Name:	OSMR ( <a href="#">OSMR Products</a> )

## Target Details

Background:	<p>Oncostatin M is a member of the IL6 family of cytokines. Functional receptors for IL6 family cytokines are multisubunit complexes involving members of the hematopoietin receptor superfamily. Many IL6 cytokines utilize gp130 as a common receptor subunit. OSM binds to the gp130 receptor subunit and, in association with the leukemia inhibitory factor receptor, induces a proliferative response in permissive cells. OSMR is an alternative subunit (for an OSM receptor complex (a heterodimer of gp130 and OSMR) that is activated by OSM but not by LIF. Oncostatin M is a member of the IL6 family of cytokines. Functional receptors for IL6 family cytokines are multisubunit complexes involving members of the hematopoietin receptor superfamily. Many IL6 cytokines utilize gp130 as a common receptor subunit. OSM binds to the gp130 receptor subunit and, in association with the leukemia inhibitory factor receptor, induces a proliferative response in permissive cells. OSMR is an alternative subunit (for an OSM receptor complex (a heterodimer of gp130 and OSMR) that is activated by OSM but not by LIF.</p> <p>Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: MGC150626, MGC150627, MGC75127, OSMRB, PLCA1</p> <p>Protein Interaction Partner: UBC, CUL5, GAPDH, IL6ST, OSM, JAK2, JAK1, ERBB2,</p> <p>Protein Size: 979</p>
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Molecular Weight:	110 kDa
Gene ID:	9180
NCBI Accession:	<a href="#">NM_003999</a> , <a href="#">NP_003990</a>
UniProt:	<a href="#">Q99650</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Growth Factor Binding</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 979 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

Handling

	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

**Image 1.** WB Suggested Anti-OSMR Antibody Titration: 0.2-1 ug/ml Positive Control: HT1080 cell lysate OSMR is supported by BioGPS gene expression data to be expressed in HT1080

Western Blotting

**Image 2.** Host: Rabbit Target Name: OSMR Sample Tissue: Human A549 Whole Cell Antibody Dilution: 1ug/ml