

**OSMR Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF3144a

**Specification**

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**OSMR Antibody (internal region) - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">O99650</a>
Other Accession	<a href="#">NP_003990.1</a> , <a href="#">9180</a> , <a href="#">18414 (mouse)</a>
Reactivity	<b>Human</b>
Host	<b>Goat</b>
Clonality	<b>Polyclonal</b>
Concentration	<b>0.5 mg/ml</b>
Isotype	<b>IgG</b>
Calculated MW	<b>110509</b>

**OSMR Antibody (internal region) - Additional Information**

**Gene ID** 9180

**Other Names**

Oncostatin-M-specific receptor subunit beta, Interleukin-31 receptor subunit beta, IL-31 receptor subunit beta, IL-31R subunit beta, IL-31R-beta, IL-31RB, OSMR, OSMRB

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

OSMR Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**OSMR Antibody (internal region) - Protein Information**

**Name** OSMR

**Synonyms** OSMRB

**Function**

Associates with IL31RA to form the IL31 receptor. Binds IL31 to activate STAT3 and possibly STAT1 and STAT5. Capable of transducing OSM-specific signaling events.

**Cellular Location**

Membrane; Single-pass type I membrane protein

### Tissue Location

Expressed in keratinocytes (at protein level) (PubMed:21261663). Expressed at relatively high levels in all neural cells as well as fibroblast and epithelial cells (PubMed:8999038)

### OSMR Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### OSMR Antibody (internal region) - Images



AF3144a (0.1 µg/ml) staining of HeLa lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### OSMR Antibody (internal region) - Background

The immunizing peptide represents part of the extracellular domain.

### OSMR Antibody (internal region) - References

Sequential use of transcriptional profiling, expression quantitative trait mapping, and gene association implicates MMP20 in human kidney aging. Wheeler HE, Metter EJ, Tanaka T, Absher D, Higgins J, Zahn JM, Wilhelmy J, Davis RW, Singleton A, Myers RM, Ferrucci L, Kim SK, PLoS genetics 2009 Oct 5 (10): e1000685. PMID: 19834535