

## OSMR Polyclonal Antibody

Catalog number: 10982-1-AP

Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

OSMR; IL 31 receptor subunit  
beta, IL 31R beta, IL 31R  
subunit beta, IL 31RB,  
oncostatin M receptor, OSMR,  
OSMR β, OSMRB, OSMRβ

### Background

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).

### Applications

|                      |  |
|----------------------|--|
| Tested applications: | ELISA                                    |
| Cited applications:  | IHC, WB                                  |
| Species specificity: | Human, Monkey; other species not tested. |
| Cited species:       | Human, mouse                             |
| Calculated OSMR MW:  | 160 kDa/220 kDa                          |
| Observed OSMR MW:    |  |

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

|                           |                       |
|---------------------------|-----------------------|
| Immunogen:                | Ag1426                |
| GenBank accession number: | BC010943              |
| Gene ID (NCBI):           | 9180                  |
| Full name:                | Oncostatin M receptor |

### Product information

|                      |   |
|----------------------|---|
| Purification method: | Antigen affinity purification                                       |
| Storage:             | PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C. |