

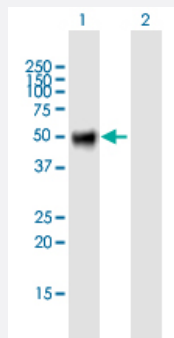
MaxPab®

OSMR purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009180-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of OSMR expression in transfected 293T cell line ([H00009180-T01](#)) by OSMR MaxPab polyclonal antibody.

Lane 1: OSMR transfected lysate(37.62 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human OSMR protein.
Immunogen	OSMR (AAH10943, 1 a.a. ~ 342 a.a) full-length human protein.
Sequence	MALFAVFQTTFFLTLLSLRTYQSEVLAERLPLTPVSLKVSTNSTRQSLHLQWTVHNLPHYQELKMF FQIQISRIETSNVMVGNYSTTVKWNQVLHWSWESELPLECATHFVRIKSLVDDAKFPEPNFWSN WSSWEEVSVQDSTGQDILFVFPKDKLVEEGTNVTICYSRNIQNNVSCYLEGKQIHGEQLDPHVT AFNLNSVPFIRNKGTNIYCEASQGNVSEGMKGMVLFVSKVLEEPKDFSCETEDFKTLHCTWDPGT DTALGWSKQPSQSYTLFESFSGEKKLCTHKNWCNWQITQDSQETYNFTLIAENYLKRKSVNLFNL THRGETRVVTAHRGH
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — OSMR

Entrez GeneID [9180](#)

GeneBank Accession# [BC010943](#)

Protein Accession# [AAH10943](#)

Gene Name OSMR

Gene Alias MGC150626, MGC150627, MGC75127, OSMRB

Gene Description oncostatin M receptor

Omim ID [601743](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 [provided by RefSeq

Other Designations -

Publication Reference

- [OSMR controls glioma stem cell respiration and confers resistance of glioblastoma to ionizing radiation.](#)

Ahmad Sharanek, Audrey Burban, Matthew Laaper, Emilie Heckel, Jean-Sebastien Joyal, Vahab D Soleimani, Arezu Jahani-Asl.

Nature Communications 2020 Aug; 11(1):4116.

Application: IF, IP, PLA-Ce, Human, Human brain tumor stem cells

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hyperparathyroidism](#)
- [Ovarian Neoplasms](#)