

## Product datasheet for TA500195

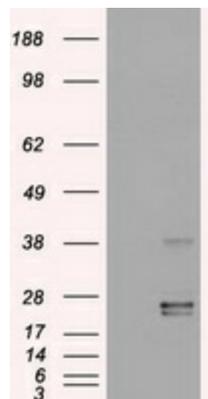
### Oncostatin M (OSM) Mouse Monoclonal Antibody [Clone ID: OTI2B6]

#### Product data:

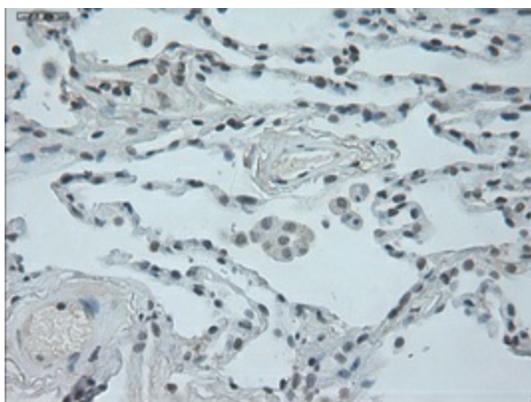
Product Type:	Primary Antibodies
Clone Name:	OTI2B6
Applications:	IHC, WB
Recommend Dilution:	WB 1:1000, IHC 1:50
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant protein expressed in E.coli corresponding to amino acids 25-252 of human OSM
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	25.7 kDa
Gene Name:	oncostatin M
Database Link:	<a href="#">NP_065391 Entrez Gene 5008 Human</a>
Background:	Oncostatin M is a member of a cytokine family that includes leukemia-inhibitory factor, granulocyte colony-stimulating factor, and interleukin 6. This gene encodes a growth regulator which inhibits the proliferation of a number of tumor cell lines. It regulates cytokine production, including IL-6, G-CSF and GM-CSF from endothelial cells
Synonyms:	MGC20461
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein, Stem cell relevant signaling - DSL/Notch pathway, Stem cell relevant signaling - JAK/STAT signaling pathway
Protein Pathways:	Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway



[View online »](#)

**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY OSM ([RC204277], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-OSM. Positive lysates [LY412433] (100ug) and [LC412433] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded lung tissue within the normal limits using anti-OSM mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA500195, Dilution 1:50)