

**Name: Purified anti-OSM mouse monoclonal antibody, clone 2B6**  
**Product Data Sheet**

**Catalog: TA500195**

Gene Name: Homo sapiens oncostatin M (OSM)  
 GeneBank accession: NM\_020530  
 Isotype: IgG1

Reactivity: Human  
 Test application: WB  
 Clone Name: clone 2B6

**Gene Synonym:** MGC20461; oncostatin M

**Guaranteed Applications:** WB, IHC

**Suggested Dilutions:** WB 1:1000, IHC 1:50

**Immunogen:** Recombinant protein expressed in E.coli corresponding to amino acids 25-252 of human OSM

**Components:**

- Purified anti-OSM mouse monoclonal antibody, clone 2B6 (TA500195)
- 1 vial of 20ug myc-DDK tagged OSM HEK293T over-expression lysate lyophilized in RIPA buffer (LY412433) (Reconstitute into 20ul of 1x SDS sample buffer before loading) (Not available for 30ul sample size)

**Amount:**

TA500195-100 100 uL

**Concentration:** 0.5-1.0 mg/ml

**Storage Condition:** Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

**Buffer:** PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

**Purification:**

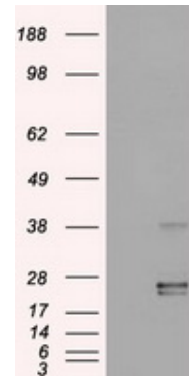
Purified from mouse ascites fluids

**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

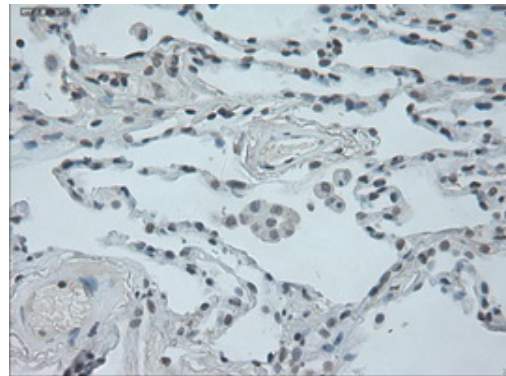
**Validation Data:**

**Western Blot**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY OSM (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.

**IHC data**



Immunohistochemical staining of paraffin-embedded lung tissue using anti-OSM mouse monoclonal antibody. (TA500195, Dilution 1:50)

**Related Product:**

TrueORF cDNA clones  
 VERIFY Tagged Antigen lysates  
 HuSH-29 shRNA  
 Western Blot reagents  
 Anti-myc/DDK tag antibodies

\* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

***This product is to be used for laboratory only. Not for diagnostic or therapeutic use.***

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