

Datasheet for ABIN7269099  
**anti-Oncostatin M antibody**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	Oncostatin M (OSM)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Oncostatin M antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Purpose:	Oncostatin M Rabbit mAb
Immunogen:	A synthesized peptide derived from human Oncostatin M
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	Oncostatin M (OSM)
Alternative Name:	OSM ( <a href="#">OSM Products</a> )
Background:	This gene encodes a member of the leukemia inhibitory factor/oncostatin-M (LIF/OSM) family

## Target Details

of proteins. The encoded preproprotein is proteolytically processed to generate the mature protein. This protein is a secreted cytokine and growth regulator that inhibits the proliferation of a number of tumor cell lines. This protein also regulates the production of other cytokines, including interleukin 6, granulocyte-colony stimulating factor and granulocyte-macrophage colony stimulating factor in endothelial cells. This gene and the related gene, leukemia inhibitory factor, also present on chromosome 22, may have resulted from the duplication of a common ancestral gene. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Jan 2016],OSM, oncostatin-M,Angiogenesis,Apoptosis,Cardiovascular,Cell Biology & Developmental Biology,Cell Intrinsic Innate Immunity Signaling Pathway,Cytokines,Immunology & Inflammation,OSM

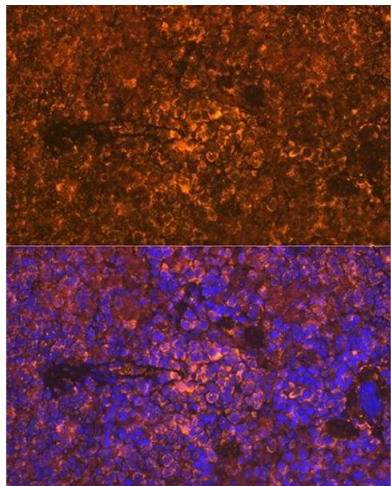
Molecular Weight:	22kDa
Gene ID:	5008
UniProt:	<a href="#">P13725</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Negative Regulation of Hormone Secretion</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

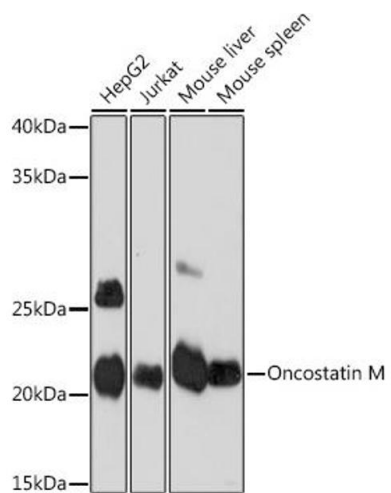
## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



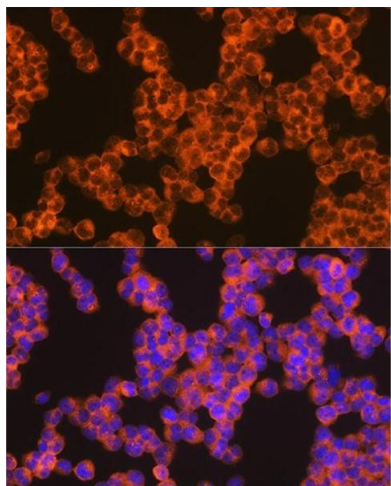
Immunofluorescence

**Image 1.** Immunofluorescence analysis of rat spleen using Oncostatin M Rabbit mAb (ABIN7269099) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using Oncostatin M Rabbit mAb (ABIN7269099) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Immunofluorescence

**Image 3.** Immunofluorescence analysis of Jurkat cells using Oncostatin M Rabbit mAb (ABIN7269099) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7269099.