

Datasheet for ABIN6145072

anti-Oncostatin M antibody (AA 26-252)

3 Images



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Oncostatin M (OSM)
Binding Specificity:	AA 26-252
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Oncostatin M antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 26-252 of human Oncostatin M (NP_065391.1).
Sequence:	AAIGSCSKEY RVLGQLQKQ TDLMQDTSRL LDPYIRIQGL DVPKLRHCR ERPGAFPSEE TLRGLGRRGF LQTLNATLGC VLHRLADLEQ RLPKAQDLER SGLNIEDLEK LQMARNILG LRNNIYCMAQ LLDNSDTAEP TKAGRGASQP PTPPASDAF QRKLEGCRFL HGYHFRFMHSV GRVFSKWGES PNRSRRHSPH QALRKGVRRT RPSRKGKRLM TRGQLPR
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	Oncostatin M (OSM)
Alternative Name:	OSM (OSM Products)
Background:	<p>This gene encodes a member of the leukemia inhibitory factor/oncostatin-M (LIF/OSM) family 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.,OSM,Cell Biology & Developmental Biology,Apoptosis,Immunology & Inflammation,Cytokines,Cell Intrinsic Innate Immunity Signaling Pathway,Cardiovascular,Angiogenesis,OSM</p>
Molecular Weight:	28 kDa
Gene ID:	5008
UniProt:	P13725
Pathways:	JAK-STAT Signaling , Negative Regulation of Hormone Secretion

Application Details

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

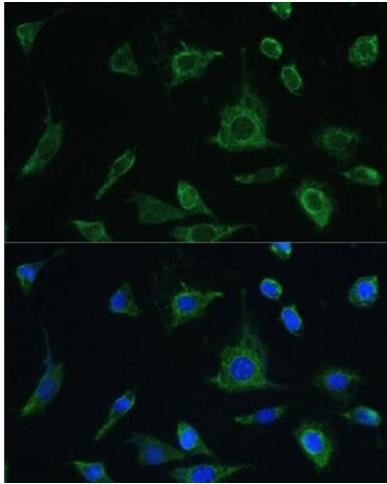
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,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

Handling

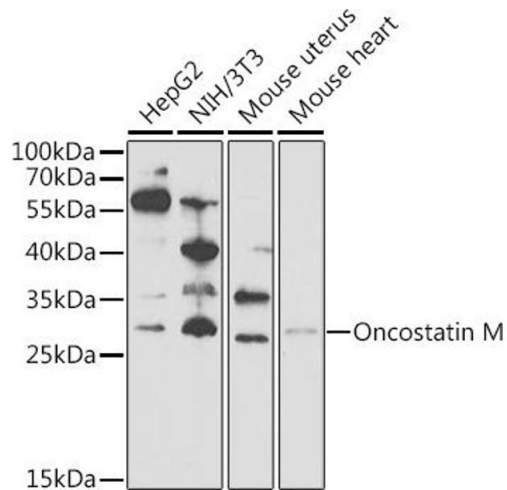
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



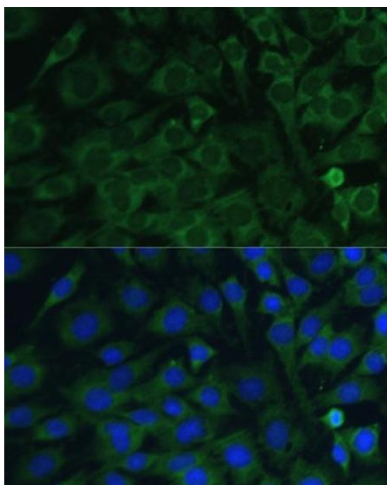
Immunofluorescence

Image 1. Immunofluorescence analysis of L-929 cells using Oncostatin M antibody (ABIN6128404, ABIN6145072, ABIN6145073 and ABIN6221768) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Oncostatin M Antibody (ABIN6128404, ABIN6145072, ABIN6145073 and ABIN6221768) 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 Enhanced Kit (RM00021). Exposure time: 60s.



Immunofluorescence

Image 3. Immunofluorescence analysis of C6 cells using Oncostatin M antibody (ABIN6128404, ABIN6145072, ABIN6145073 and ABIN6221768) at dilution of 1:100. Blue: DAPI for nuclear staining.