

Datasheet for ABIN289518 **anti-Oncostatin M antibody**



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Overview

Quantity:	100 µg
Target:	Oncostatin M (OSM)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Oncostatin M antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Blocking Antibody (Inhibition)

Product Details

Immunogen:	Oncostatin M antibody was raised in rabbit using highly pure recombinant human oncostatin M as the immunogen.
Purification:	Purified

Target Details

Target:	Oncostatin M (OSM)
Alternative Name:	Oncostatin M (OSM Products)
Background:	Oncostatin M (OSM) is a growth and differentiation factor that participates in the regulation of neurogenesis, osteogenesis and hematopoiesis. Produced by activate T cells, monocytes and Kaposi's sarcoma cells, OSM can exert both stimulatory and inhibitory effects on cell proliferation. It stimulates the proliferation of fibroblasts, smooth muscle cells and Kaposi's sarcoma cells, but, inhibits the growth of some normal and tumor cell lines. It also promotes

Target Details

	cytokine release (e.g. IL6, GM-CSF and G-CSF) from endothelial cells, and enhances the expression of low-density lipoprotein receptor in hepatoma cells. OSM share several structural and functional characteristics with LIF, IL6, and CNTF. Human OSM is active on Mouse cells.
Molecular Weight:	23.9 kDa (predicted detection band MW)
Pathways:	JAK-STAT Signaling , Negative Regulation of Hormone Secretion

Application Details

Application Notes:	ELISA: 0.5-2 µg/mL, Inhibition: 0.1-0.175 µg/mL, WB: 0.1-0.2 µg/mL Optimal conditions should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in sterile water to a concentration of > 0.2 mg/mL.
Concentration:	Lot specific
Buffer:	Lyophilized from 0.5 x PBS, pH 7.4.
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at -20 °C until reconstitution. Following reconstitution product may be stored at 4 °C in the short term. For long term storage aliquot and freeze at -20 °C.