

Anti-Oncostatin M/OSM antibody [EPR7150] - BSA and Azide free ab206992

Recombinant RabMAb

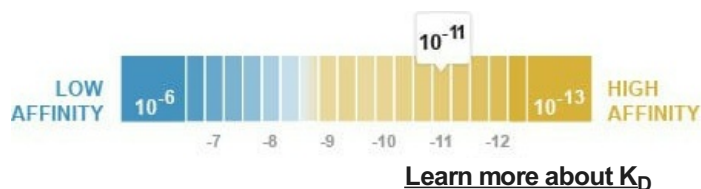
[4 Images](#)

Overview

Product name	Anti-Oncostatin M/OSM antibody [EPR7150] - BSA and Azide free
Description	Rabbit monoclonal [EPR7150] to Oncostatin M/OSM - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, IHC-P or IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Jurkat, HuT-78 cell lysate; Human fetal lung tissue lysate; Human Oncostatin M recombinant protein
General notes	<p>ab206992 is the carrier-free version of ab133748.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Dissociation constant (K_D)	K _D = 7.40 x 10 ⁻¹¹ M



Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR7150
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab206992 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

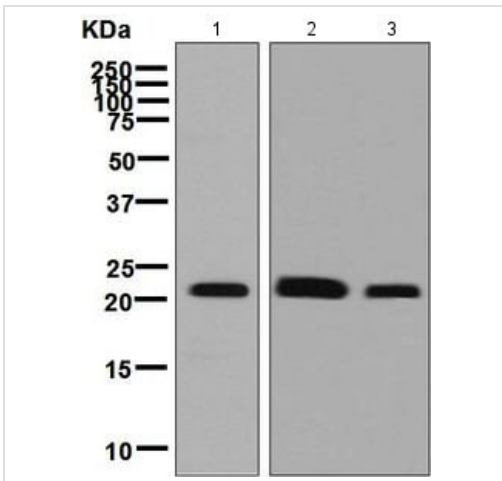
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 22 kDa (predicted molecular weight: 28 kDa).

Application notes Is unsuitable for Flow Cyt, IHC-P or IP.

Target

Function	Growth regulator. Inhibits the proliferation of a number of tumor cell lines. Stimulates proliferation of AIDS-KS cells. It regulates cytokine production, including IL-6, G-CSF and GM-CSF from endothelial cells. Uses both type I OSM receptor (heterodimers composed of LIPR and IL6ST) and type II OSM receptor (heterodimers composed of OSMR and IL6ST).
Sequence similarities	Belongs to the LIF/OSM family.
Cellular localization	Secreted.

Images



Western blot - Anti-Oncostatin M/OSM antibody [EPR7150] - BSA and Azide free (ab206992)

All lanes : Anti-Oncostatin M/OSM antibody [EPR7150] ([ab133748](#)) at 1/1000 dilution

Lane 1 : Jurkat cell lysate at 10 µg

Lane 2 : Human fetal lung tissue lysate

Lane 3 : HuT-78 cell lysate at 10 µg

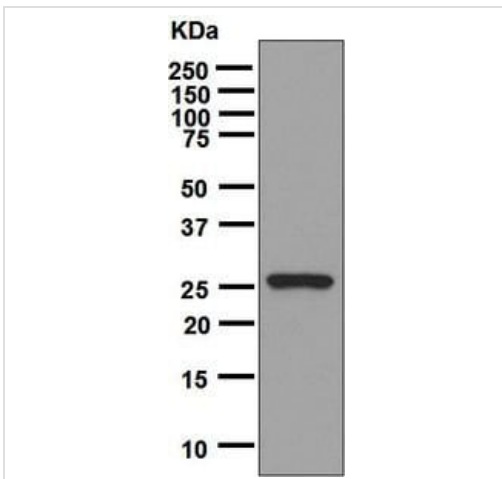
Secondary

All lanes : Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size: 28 kDa

Observed band size: 22 kDa

This data was developed using [ab133748](#), the same antibody clone in a different buffer formulation.



Western blot - Anti-Oncostatin M/OSM antibody [EPR7150] - BSA and Azide free (ab206992)

Anti-Oncostatin M/OSM antibody [EPR7150] ([ab133748](#)) at 1/1000 dilution + Human Oncostatin M/OSM recombinant protein at 0.005 µg

Secondary

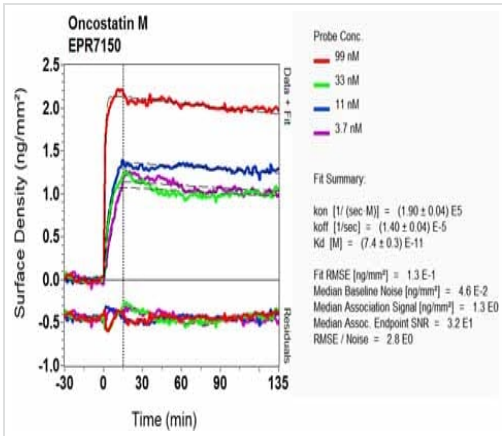
Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size: 28 kDa

Observed band size: 26 kDa

This data was developed using [ab133748](#), the same antibody clone in a different buffer formulation.

Human Oncostatin M/OSM recombinant protein has a predicted MWt of 26 kDa.



OI-RD Scanning - Anti-Oncostatin M/OSM antibody
[EPR7150] - BSA and Azide free (ab206992)

This data was developed using [ab133748](#), the same antibody clone in a different buffer formulation. Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

Why choose a recombinant antibody?

Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Anti-Oncostatin M/OSM antibody [EPR7150] - BSA and Azide free (ab206992)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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