

Product datasheet

Anti-Oncostatin M/OSM antibody [EPR7150] ab133748

Recombinant RabMAb

4 Images

Overview

Product name	Anti-Oncostatin M/OSM antibody [EPR7150]
Description	Rabbit monoclonal [EPR7150] to Oncostatin M/OSM
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, IHC-P or IP
Species reactivity	Reacts with: Human
Immunogen	corresponding to Human Oncostatin M/OSM aa 50-150. Database link: P13725
Positive control	Jurkat, HuT-78 cell lysate; Human fetal lung tissue lysate; Human Oncostatin M/OSM recombinant protein

General notes

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information [see here](#).

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#).

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise[™] guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

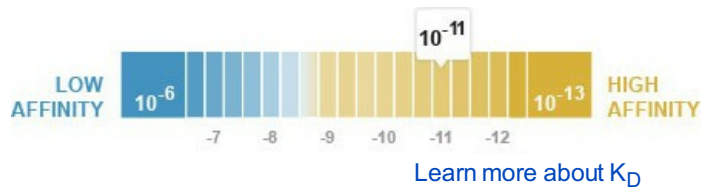
We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Dissociation constant (K_D)	K _D = 7.40 x 10 ⁻¹¹ M



Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR7150
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab133748** 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		1/1000 - 1/10000. 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).

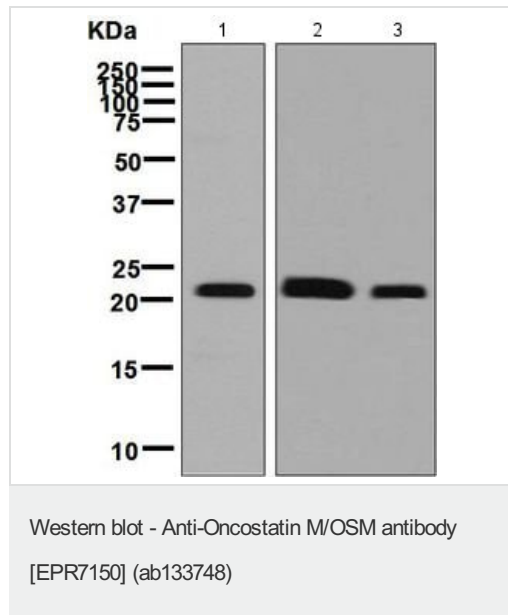
Sequence similarities

Belongs to the LIF/OSM family.

Cellular localization

Secreted.

Images



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

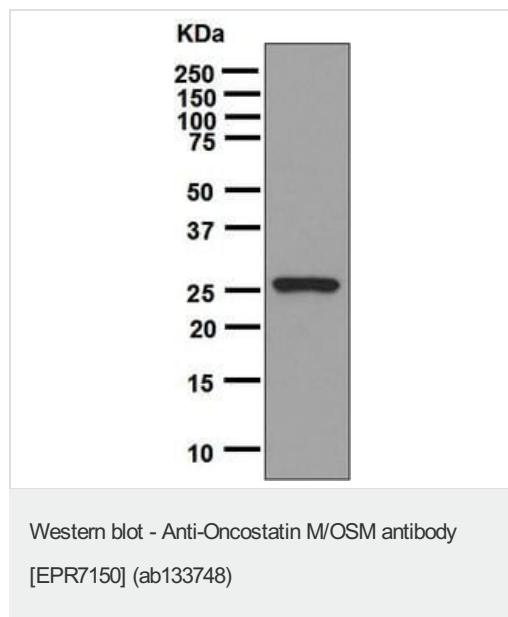
Secondary

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

Predicted band size: 28 kDa

Observed band size: 22 kDa

[why is the actual band size different from the predicted?](#)



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

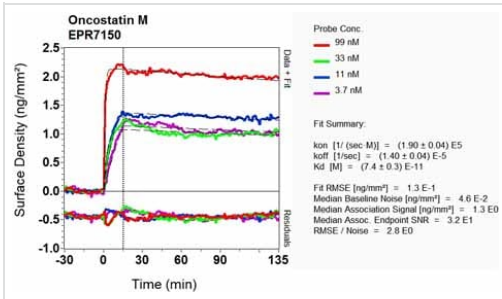
Secondary

Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size: 28 kDa

Observed band size: 26 kDa [why is the actual band size different from the predicted?](#)

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



OI-RD Scanning - Anti-Oncostatin M/OSM antibody
[EPR7150] (ab133748)

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]
(ab133748)

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

Our Abpromise to you: Quality guaranteed and expert technical support

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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