

Product datasheet

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 within Human Oncostatin M/OSM aa 50-150. The exact sequence is proprietary. Database link: P13725
Positive control	Jurkat, HuT-78 cell lysate; Human fetal lung tissue lysate; Human Oncostatin M recombinant protein
General notes	Ab206992 is the carrier-free version of ab133748 . This format is designed for use in antibody labeling, including fluorochromes, metal isotopes, oligonucleotides, enzymes.

Our [carrier-free formats](#) are supplied in a buffer free of BSA, sodium azide and glycerol for higher conjugation efficiency.

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.

ab206992 is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm.

Maxpar® is a trademark of Fluidigm Canada Inc.

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.

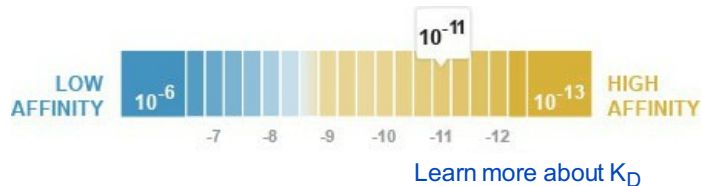
We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

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 +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

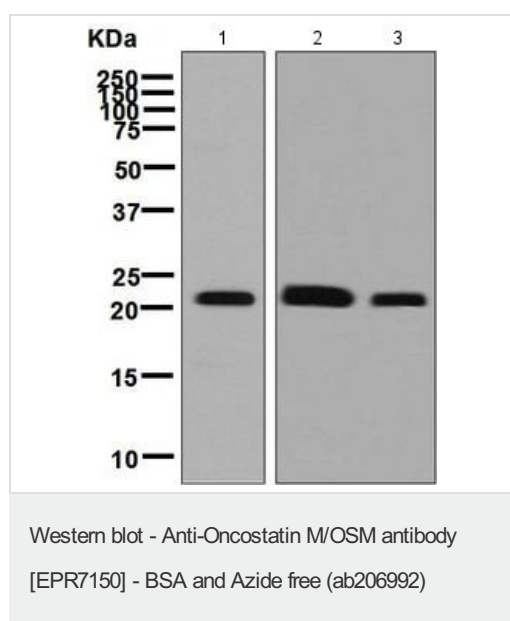
Applications

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



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

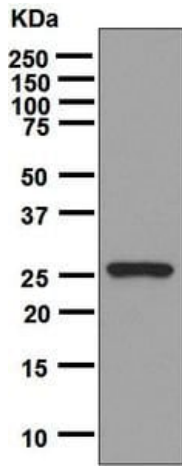
All lanes : Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size: 28 kDa

Observed band size: 22 kDa

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

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

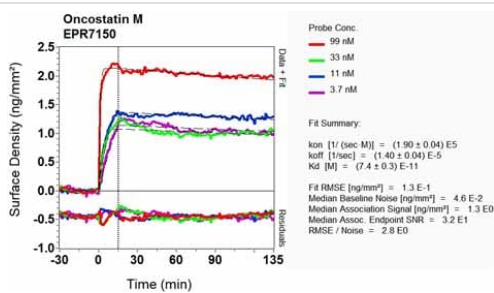
Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size: 28 kDa

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

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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- 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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