

Product datasheet

Anti-MOCOS/MCS antibody ab151015

3 Images

Overview

Product name	Anti-MOCOS/MCS antibody
Description	Rabbit polyclonal to MOCOS/MCS
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human MOCOS/MCS aa 607-718. Sequence: NQGLLYDRSWMVVNHNGVCLSQKQEPRLCLIQPFIDLRQ RIMVIKAKGME PIEVPLEENSERTQIRQSRVCADRVSTYDCGEKISSWLSTF FGRPCHL IK QSSNSQRNAKKK

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control IHC-P: Human stomach tissue. WB: RT4 cells. ICC/IF: RT4 cells.

General notes The antibody solution should be gently mixed before use.
Previously labelled as MOCOS.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. 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, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
Purity	Immunogen affinity purified

Clonality	Polyclonal
Isotype	IgG

Applications

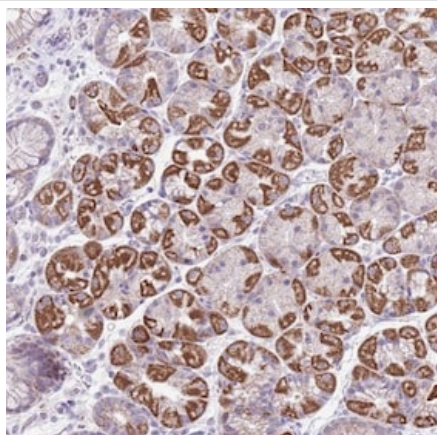
The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab151015 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 0.04 - 0.4 µg/ml. Predicted molecular weight: 98 kDa.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.

Target

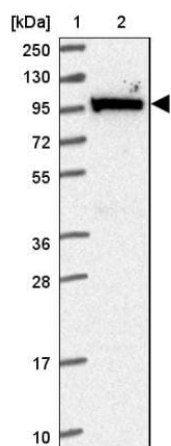
Relevance Sulfurates the molybdenum cofactor. Sulfation of molybdenum is essential for xanthine dehydrogenase (XDH) and aldehyde oxidase (ADO) enzymes in which molybdenum cofactor is liganded by 1 oxygen and 1 sulfur atom in active form. In vitro, the C-terminal domain is able to reduce N-hydroxylated prodrugs, such as benzamidoxime.

Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human stomach tissue labelling MOCOS/MCS with ab151015 at 1/50 dilution

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MOCOS/MCS antibody (ab151015)



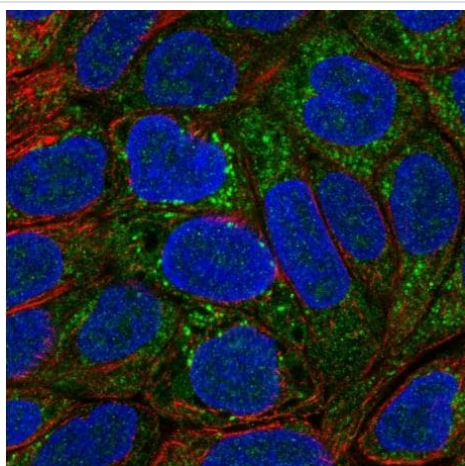
Western blot - Anti-MOCOS/MCS antibody
(ab151015)

All lanes :

Lane 1 : Molecular ladder

Lane 2 : RT4 cell lysate at 0.4 µg/ml

Predicted band size: 98 kDa



Immunocytochemistry/ Immunofluorescence - Anti-
MOCOS/MCS antibody (ab151015)

RT4 cells stained for MOCOS/MCS (green) using ab151015
at 2 µg/ml dilution in ICC/IF.

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

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors