

Product datasheet

Anti-MCM5 antibody [EP2682Y] α b76023

RabMAb

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Overview

Product name	Anti-MCM5 antibody [EP2682Y]
Description	Rabbit monoclonal [EP2682Y] to MCM5
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: HeLa, MCF7 and human spleen lysates IHC-P: human squamous cell cervical carcinoma tissue, normal tonsil tissue, Glioma tissue, Colonic adenocarcinoma tissue, Endometrial carcinoma tissue and Ovarian carcinoma tissue
General notes	<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> <p>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.</p> <p>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</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant</p>

Purity	Protein A purified
Clonality	Monoclonal
Clone number	EP2682Y
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab76023 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

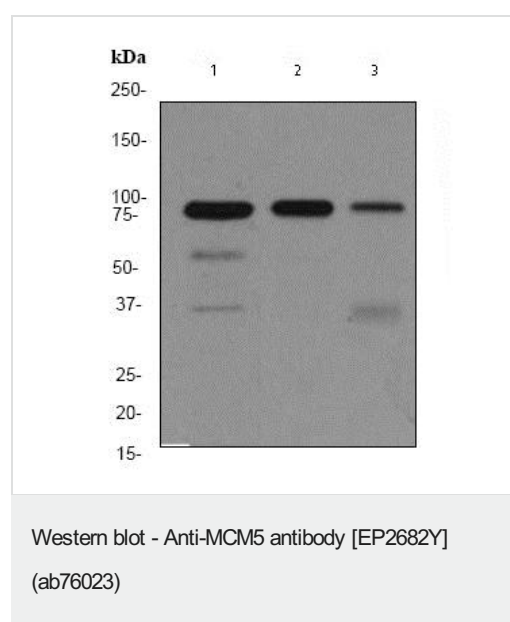
Application	Abreviews	Notes
WB		1/1000 - 1/2000. Predicted molecular weight: 82 kDa.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.

Target

Sequence similarities Belongs to the MCM family.
Contains 1 MCM domain.

Cellular localization Nucleus.

Images



All lanes : Anti-MCM5 antibody [EP2682Y] (ab76023) at 1/2000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : MCF7 cell lysate

Lane 3 : Human spleen lysate

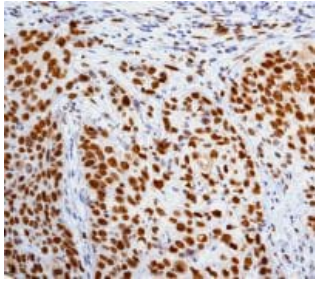
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 82 kDa

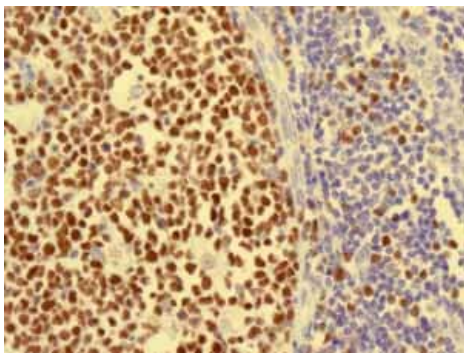
Observed band size: 82 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MCM5 antibody
[EP2682Y] (ab76023)

ab76023, at a 1/100 dilution, staining MCM5 in paraffin embedded human squamous cell cervical carcinoma tissue. A HRP/AP polymerized secondary antibody was used.

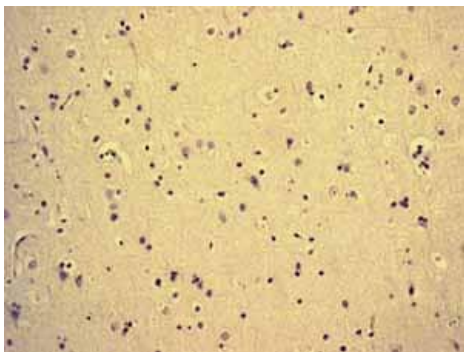
Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MCM5 antibody
[EP2682Y] (ab76023)

ab76023 showing positive staining in Normal tonsil tissue.

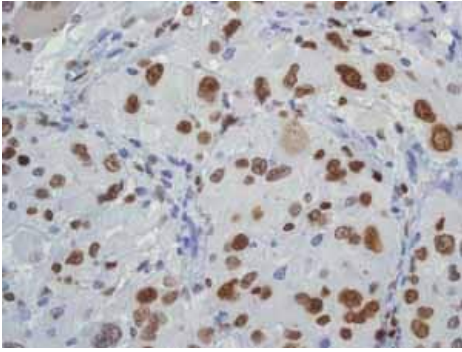
Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MCM5 antibody
[EP2682Y] (ab76023)

ab76023 showing negative staining in Normal brain tissue.

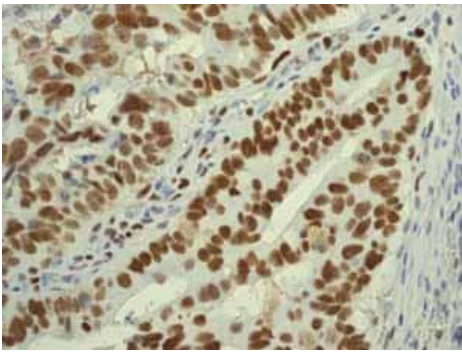
Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MCM5 antibody
[EP2682Y] (ab76023)

ab76023 showing positive staining in Glioma tissue.

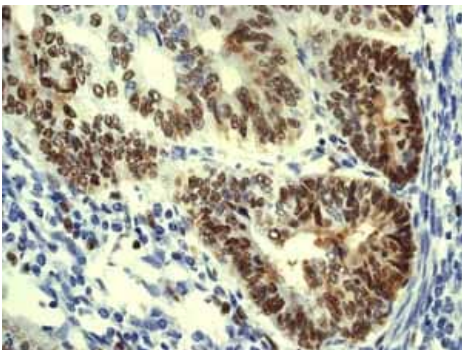
Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MCM5 antibody
[EP2682Y] (ab76023)

ab76023 showing positive staining in Colonic adenocarcinoma tissue.

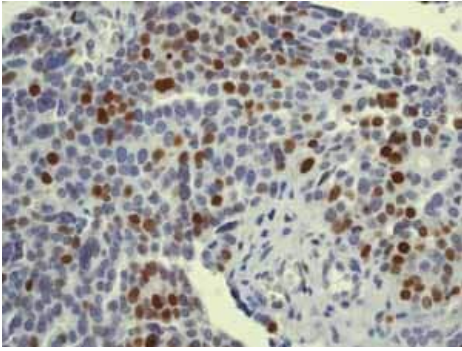
Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MCM5 antibody
[EP2682Y] (ab76023)

ab76023 showing positive staining in Endometrial carcinoma tissue.

Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MCM5 antibody [EP2682Y] (ab76023)

ab76023 showing positive staining in Ovarian carcinoma tissue.

Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.

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