

Anti-MCM3 antibody [EPR7080] - BSA and Azide free ab248222

リコンビナント **RabMAb**

画像数 10

製品の概要

製品名	Anti-MCM3 antibody [EPR7080] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR7080] to MCM3 - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: IHC-P, Flow Cyt (Intra), WB 適用なし: IP
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab248222 is the carrier-free version of ab128923.</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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	pH: 7.2 Constituent: PBS
キャリア・フリー	はい
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR7080
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee **Abpromise保証は、**次のテスト済みアプリケーションにおけるab248222の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

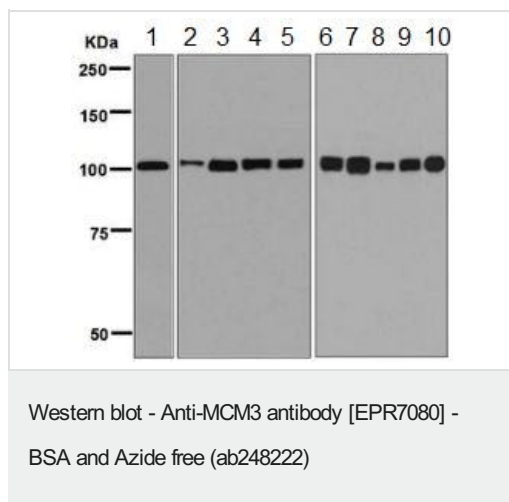
アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
Flow Cyt (Intra)		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 100 kDa (predicted molecular weight: 91 kDa).

追加情報 Is unsuitable for IP.

ターゲット情報

機能	Acts as component of the MCM2-7 complex (MCM complex) which is the putative replicative helicase essential for 'once per cell cycle' DNA replication initiation and elongation in eukaryotic cells. The active ATPase sites in the MCM2-7 ring are formed through the interaction surfaces of two neighboring subunits such that a critical structure of a conserved arginine finger motif is provided in trans relative to the ATP-binding site of the Walker A box of the adjacent subunit. The six ATPase active sites, however, are likely to contribute differentially to the complex helicase activity. Required for DNA replication and cell proliferation.
配列類似性	Belongs to the MCM family. Contains 1 MCM domain.
翻訳後修飾	Phosphorylated upon DNA damage, probably by ATM or ATR.
細胞内局在	Nucleus.

画像



All lanes : Anti-MCM3 antibody [EPR7080] ([ab128923](#)) at 1/1000 dilution

Lane 1 : L6 cell lysate

Lane 2 : C6 cell lysate

Lane 3 : RAW 264.7 cell lysate

Lane 4 : PC-12 cell lysate

Lane 5 : NIH/3T3 cell lysate

Lane 6 : HeLa cell lysate

Lane 7 : K562 cell lysate

Lane 8 : HepG2 cell lysate

Lane 9 : U937 cell lysate

Lane 10 : 293T cell lysate

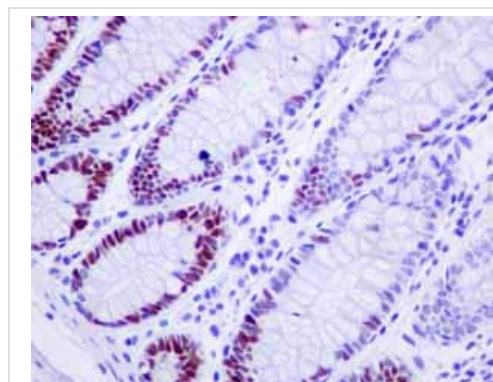
Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 91 kDa

This data was developed using [ab128923](#), the same antibody clone in a different buffer formulation.

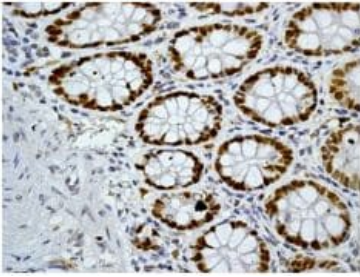


This data was developed using [ab128923](#), the same antibody clone in a different buffer formulation.

[ab128923](#) showing positive staining in Normal colon tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

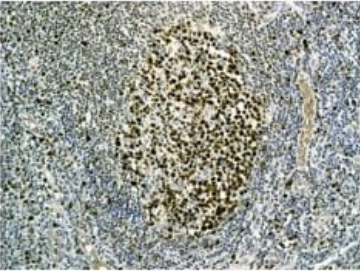
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MCM3 antibody [EPR7080] - BSA and Azide free (ab248222)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MCM3 antibody [EPR7080] - BSA and Azide free (ab248222)

This data was developed using [ab128923](#), the same antibody clone in a different buffer formulation.

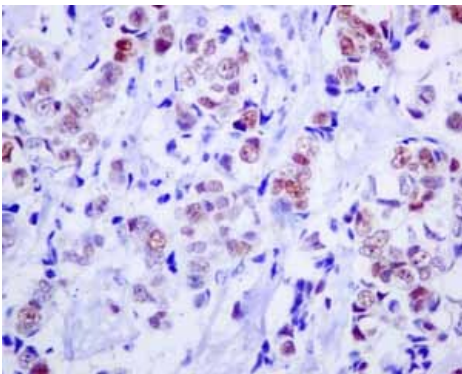
[ab128923](#) at 1/100 dilution staining MCM3 in paraffin-embedded Human colon tissue by immunohistochemistry. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MCM3 antibody [EPR7080] - BSA and Azide free (ab248222)

This data was developed using [ab128923](#), the same antibody clone in a different buffer formulation.

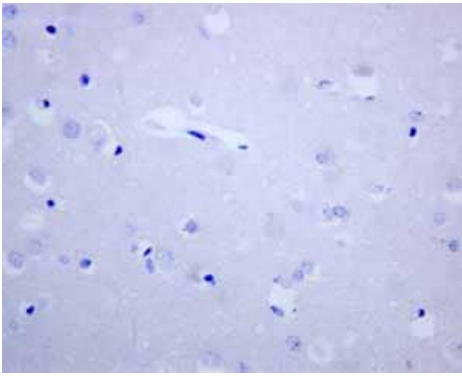
[ab128923](#) at 1/100 dilution staining MCM3 in paraffin-embedded Human tonsil tissue by immunohistochemistry. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MCM3 antibody [EPR7080] - BSA and Azide free (ab248222)

This data was developed using [ab128923](#), the same antibody clone in a different buffer formulation. [ab128923](#) showing positive staining in Breast carcinoma tissue.

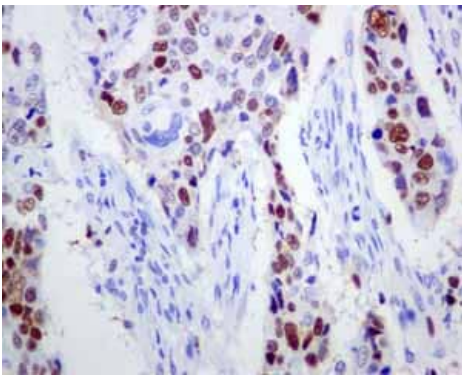
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MCM3 antibody [EPR7080] - BSA and Azide free (ab248222)

This data was developed using [ab128923](#), the same antibody clone in a different buffer formulation. [ab128923](#) showing negative staining in Normal brain tissue.

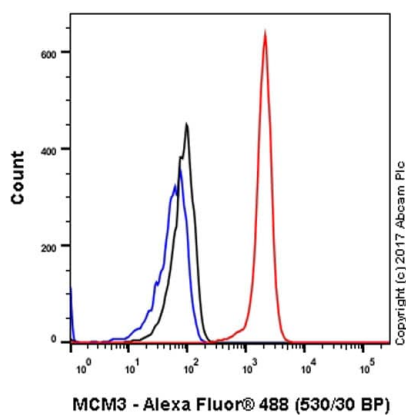
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MCM3 antibody [EPR7080] - BSA and Azide free (ab248222)

This data was developed using [ab128923](#), the same antibody clone in a different buffer formulation. [ab128923](#) showing positive staining in Lung carcinoma tissue.

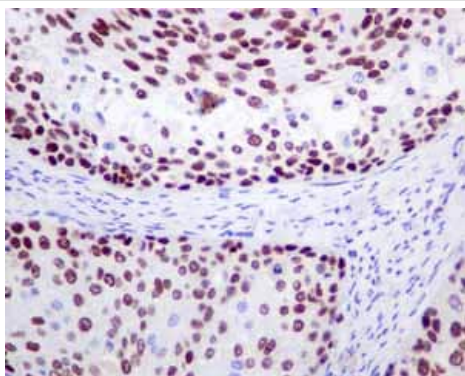
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Flow Cytometry (Intracellular) - Anti-MCM3 antibody
[EPR7080] - BSA and Azide free (ab248222)

This data was developed using [ab128923](#), the same antibody clone in a different buffer formulation.

Intracellular Flow Cytometry analysis of K562 (human chronic myelogenous leukemia) cells labeling MCM3 with unpurified [ab128923](#) at 1/900 dilution (1ug/ml) (red). Cells were fixed with 4% paraformaldehyde and permeabilised with 90% methanol. A Goat anti rabbit IgG (Alexa Fluor® 488) (1/2000 dilution) was used as the secondary antibody. Rabbit monoclonal IgG (Black) was used as the isotype control, cells without incubation with primary antibody and secondary antibody (Blue) were used as the unlabeled control.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MCM3 antibody
[EPR7080] - BSA and Azide free (ab248222)

This data was developed using [ab128923](#), the same antibody clone in a different buffer formulation. [ab128923](#) showing positive staining in Cervical carcinoma tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

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-MCM3 antibody [EPR7080] - BSA and Azide free (ab248222)

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.co.jp/abpromise> or contact our technical team.

Terms and conditions

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