

Anti-DDX5 antibody [EPR7240] - BSA and Azide free ab248227


KO 評価済

リコンビナント

RabMAb

画像数 6

製品の概要

製品名	Anti-DDX5 antibody [EPR7240] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR7240] to DDX5 - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: IHC-P, WB, ICC/IF 適用なし: Flow Cyt or IP
種交差性	交差種: Mouse, Human 交差が予測される動物種: Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab248227 is the carrier-free version of ab128928.</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	EPR7240
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ab248227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。

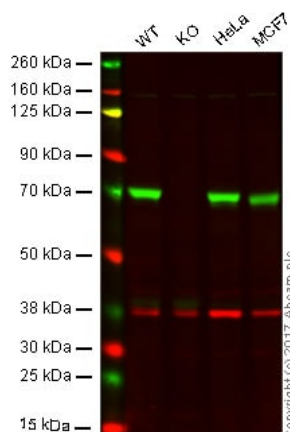
アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration. Detects a band of approximately 70 kDa (predicted molecular weight: 69 kDa).
ICC/IF		Use at an assay dependent concentration.

追加情報 Is unsuitable for Flow Cyt or IP.

ターゲット情報

機能	RNA-dependent ATPase activity. The rate of ATP hydrolysis is highly stimulated by single-stranded RNA. May be involved in pre-mRNA splicing.
配列類似性	Belongs to the DEAD box helicase family. DDX5/DBP2 subfamily. Contains 1 helicase ATP-binding domain. Contains 1 helicase C-terminal domain.
翻訳後修飾	Arg-502 is dimethylated, probably to asymmetric dimethylarginine.
細胞内局在	Nucleus > nucleolus.

画像



Western blot - Anti-DDX5 antibody [EPR7240] - BSA and Azide free (ab248227)

This data was developed using [ab128928](#), the same antibody clone in a different buffer formulation.

Lane 1: Wild-type HAP1 whole cell lysate (20 µg)

Lane 2: DDX5 knockout HAP1 whole cell lysate (20 µg)

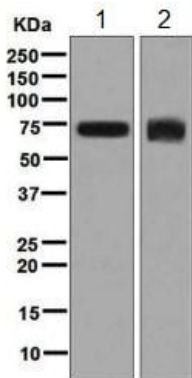
Lane 3: HeLa whole cell lysate (20 µg)

Lane 4: MCF7 whole cell lysate (20 µg)

Lanes 1 - 4: Merged signal (red and green). Green - [ab128928](#) observed at 69 kDa. Red - loading control, [ab9484](#), observed at 37 kDa.

[ab128928](#) was shown to specifically react with DDX5 in wild-type cells as signal was lost in DDX5 knockout cells. Wild-type and DDX5 knockout samples were subjected to SDS-PAGE.

[ab128928](#) and [ab9484](#) (Mouse anti-GAPDH loading control) were incubated overnight at 4°C at 1/1000 dilution and 1/20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preabsorbed [ab216773](#) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preabsorbed [ab216776](#) secondary antibodies at 1/20000 dilution for 1 hour at room temperature before imaging.



Western blot - Anti-DDX5 antibody [EPR7240] - BSA and Azide free (ab248227)

All lanes : Anti-DDX5 antibody [EPR7240] ([ab128928](#)) at 1/1000 dilution

Lane 1 : HT-29 cell lysate

Lane 2 : SH-SY5Y cell lysate

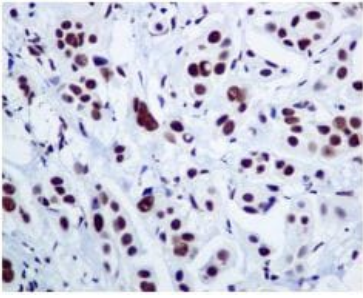
Lysates/proteins at 10 µg per lane.

Secondary

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

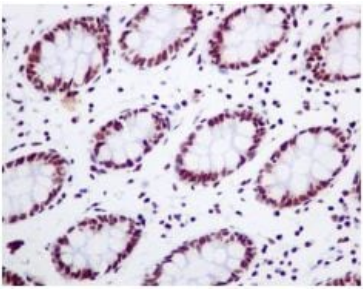
Predicted band size: 69 kDa

This data was developed using [ab128928](#), the same antibody clone in a different buffer formulation.



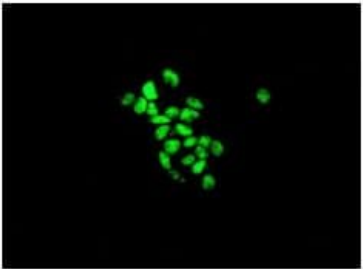
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DDX5 antibody [EPR7240] - BSA and Azide free (ab248227)

This data was developed using [ab128928](#), the same antibody clone in a different buffer formulation. [ab128928](#) at 1/100 dilution staining DDX5 in paraffin-embedded Human breast carcinoma tissue by immunohistochemistry. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DDX5 antibody [EPR7240] - BSA and Azide free (ab248227)

This data was developed using [ab128928](#), the same antibody clone in a different buffer formulation. [ab128928](#) at 1/100 dilution staining DDX5 in paraffin-embedded Human colon tissue by immunohistochemistry. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-DDX5 antibody [EPR7240] - BSA and Azide free (ab248227)

This data was developed using [ab128928](#), the same antibody clone in a different buffer formulation. [ab128928](#) at 1/100 dilution staining DDX5 in SHSY5Y cells by immunofluorescence.

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

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