abcam

Product datasheet

Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody [EPR20018-251] - BSA and Azide free ab236777

リコンビナント RabMAb

★★★★★ 1 Abreviews 4 References 画像数 8

製品の概要

製品名	Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody [EPR20018-251] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR20018-251] to DDDDK tag (Binds to FLAG® tag sequence) - BSA and Azide free
由来種	Rabbit
アプリケーション	**適用あり:** IP, Flow Cyt, ICC/IF, IHC-P, WB
種交差性	**交差種:** Species independent
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	IHC-P: HEK-293T transfected with DDDDK-tagged human PD-L1.
特記事項	ab236777 is the carrier-free version of **ab205606**. 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. 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. 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. 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. 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**.

FLAG® is a registered trade mark of Sigma Aldrich Biotechnology LP. It is used here for informational purposes only.

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	EPR20018-251
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ab236777の使用に適用されます

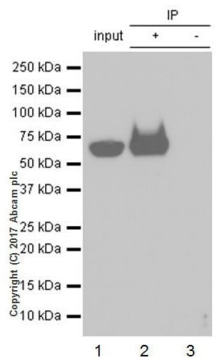
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IP		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
WB	★★★★★ (1)	Use at an assay dependent concentration.

ターゲット情報

関連性	This is a useful tool for the localisation and characterisation of DDDDK tagged proteins (Binds to FLAG® tag sequence).

画像



Immunoprecipitation - Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody [EPR20018-251] - BSA and Azide free (ab236777)

DDDDK tag was immunoprecipitated from 0.35 mg HEK-293T (Human epithelial cell line from embryonic kidney transformed with large T antigen) transfected with DDDDK-tagged human PFKFB3 expression vector whole cell lysate with **ab205606** at 1/30 dilution. Western blot was performed from the immunoprecipitate using **ab205606** at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP) (**ab131366**), was used for detection at 1/10000 dilution.

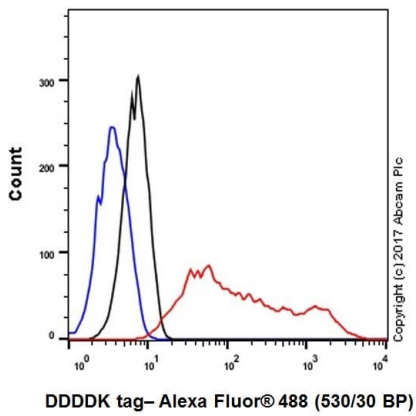
Lane 1: HEK-293T transfected with DDDDK-tagged human PFKFB3 expression vector whole cell lysate (input).

Lane 2: **ab205606** IP in HEK-293T transfected with DDDDK-tagged human PFKFB3 expression vector whole cell lysate.

Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of **ab205606** in HEK-293T transfected with DDDDK-tagged human PFKFB3 expression vector whole cell lysate.

Blocking/Dilution buffer: 5% NFDM/TBST
Exposure time: 3 seconds.

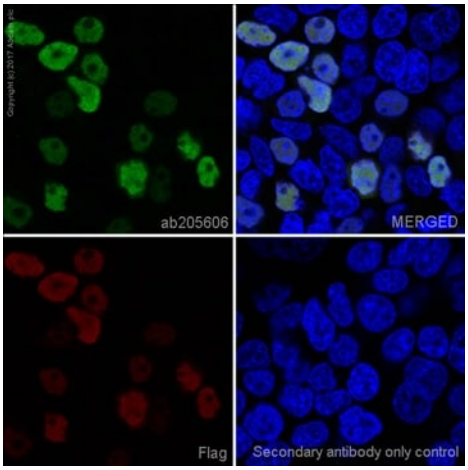
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab205606**).



Flow Cytometry - Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody [EPR20018-251] - BSA and Azide free (ab236777)

Flow cytometric analysis of of 4% paraformaldehyde-fixed, 90% methanol permeabilized HEK-293T (Human epithelial cell line from embryonic kidney transformed with large T antigen) transfected with DDDDK-tagged human PD-L1 expression vector labeling DDDDK tag with **ab205606** at 1/700 dilution (Red) compared with the Rabbit monoclonal IgG isotype control (**ab172730**) (Black) and an unlabeled control (cells without incubation with primary antibody and secondary antibody) (Blue). Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**), at 1/2000 dilution was used as the secondary antibody.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab205606**).

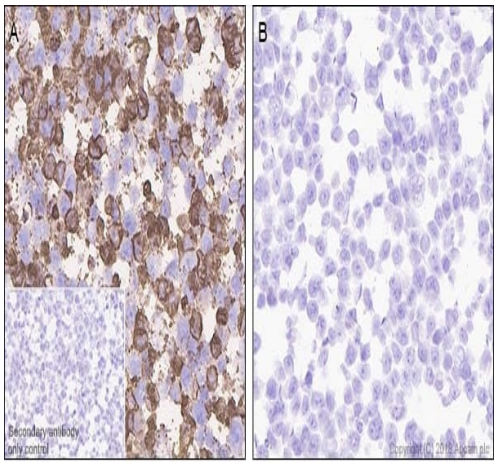


Immunocytochemistry/ Immunofluorescence - Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody [EPR20018-251] - BSA and Azide free (ab236777)

Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HEK-293T (Human epithelial cell line from embryonic kidney transformed with large T antigen) cells labeling DDDDK tag with **ab205606** at 1/100 dilution, followed by **ab150077** Alexa Fluor® 488 Goat anti-Rabbit secondary at 1/1000 dilution (green).

Confocal image showing positive staining for FLAG® on HEK-293T cells transfected with DDDDK-tagged PFKFB3 expression vector. Mouse monoclonal anti-FLAG® M2 antibody was used as a counterstain at 1/500 dilution, and Alexa Fluor® 647 Goat anti-mouse secondary (**ab150115**) was used as the secondary antibody only control at 1/500 dilution. The nucleus is counterstained with DAPI.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab205606**).



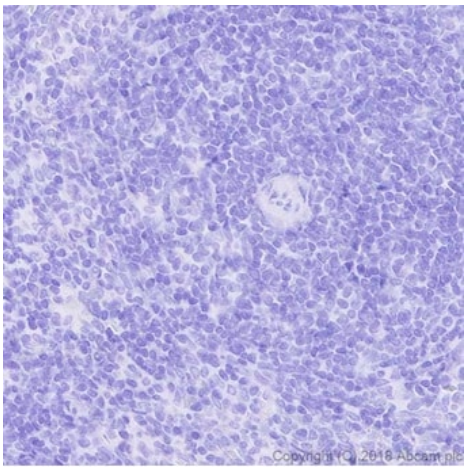
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody [EPR20018-251] - BSA and Azide free (ab236777)

Immunhistochemical analysis of agarose-embedded HEK-293T (Human epithelial cell line from embryonic kidney transformed with large T antigen) transfected with DDDDK-tagged human PD-L1 expression vector labeling DDDDK tag with **ab205606** at 1/750 dilution, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Counterstained with hematoxylin.

Positive staining on HEK-293T cells transfected with DDDDK-tagged human PD-L1 expression vector (Panel A) is observed. No signal was detected on HEK-293T transfected with an empty vector (vector control), containing a C-terminal DDDDK tag (Panel B).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab205606**).

Heat mediated antigen retrieval was performed with EDTA buffer pH 9 before commencing with IHC staining protocol.



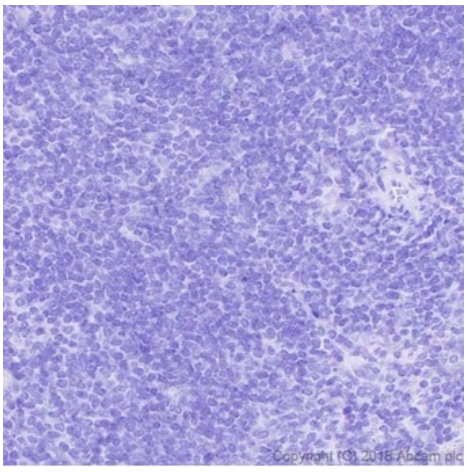
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody [EPR20018-251] - BSA and Azide free (ab236777)

Negative control: No staining on rat spleen.

Immunohistochemical analysis of paraffin-embedded rat spleen tissue stained for DDDDK tag using **ab205606** at 1/750 dilution, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Counterstained with hematoxylin.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab205606**).

Heat mediated antigen retrieval was performed with EDTA buffer pH 9 before commencing with IHC staining protocol.



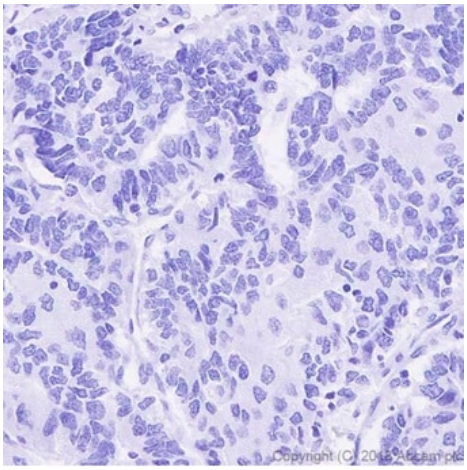
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody [EPR20018-251] - BSA and Azide free (ab236777)

Negative control: No staining on mouse spleen.

Immunohistochemical analysis of paraffin-embedded mouse spleen tissue stained for DDDDK tag using **ab205606** at 1/750 dilution, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Counterstained with hematoxylin.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab205606**).

Heat mediated antigen retrieval was performed with EDTA buffer pH 9 before commencing with IHC staining protocol.



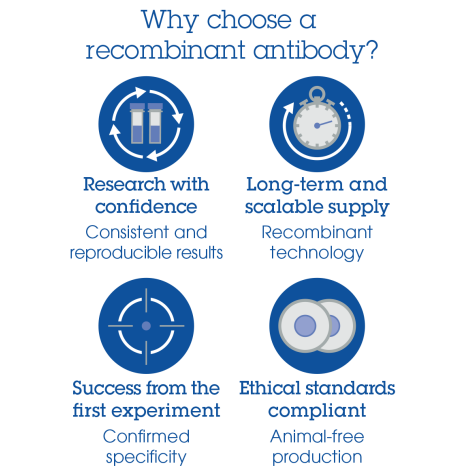
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody [EPR20018-251] - BSA and Azide free (ab236777)

Negative control: No staining on human hepatocellular cancer.

Immunohistochemical analysis of paraffin-embedded human hepatocellular cancer tissue stained for DDDDK tag using **ab205606** at 1/750 dilution, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Counterstained with hematoxylin.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab205606**).

Heat mediated antigen retrieval was performed with EDTA buffer pH 9 before commencing with IHC staining protocol.



Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody [EPR20018-251] - BSA and Azide free (ab236777)

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