


Anti-STIP1/STI1 antibody [EPR6606] - BSA and Azide free ab248167

KO 評価済 リコンビナント RabMAb

画像数 5

製品の概要

製品名	Anti-STIP1/STI1 antibody [EPR6606] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR6606] to STIP1/STI1 - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: IP, IHC-P, WB 適用なし: Flow Cyt or ICC/IF
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat 
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	WB: HAP1, A431, HEK293, BxPC-3, Jurkat, HeLa, and HepG2 cell lysates. IHC-P: Human ovarian carcinoma tissue.
特記事項	<p>ab248167 is the carrier-free version of ab126753.</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>

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#).

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	EPR6606
アイソタイプ	IgG

アプリケーション

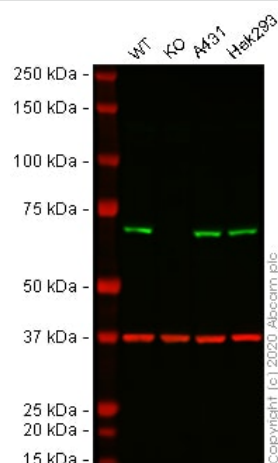
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab248167の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IP		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. For antigen retrieval, heat up to 98°C, below boiling, and then let cool for 10-20 minutes.
WB		Use at an assay dependent concentration. Detects a band of approximately 63 kDa (predicted molecular weight: 63 kDa).

追加情報 Is unsuitable for Flow Cyt or ICC/IF.

ターゲット情報

機能	Mediates the association of the molecular chaperones HSC70 and HSP90 (HSPCA and HSPCB).
配列類似性	Contains 2 ST11 domains. Contains 9 TPR repeats.
ドメイン	The TPR 1 repeat interacts with the C-terminal of HSC70. The TPR 4, 5 and 6 repeats (also called TPR2A domain) and TPR 7, 8 and 9 repeats (also called TPR2B domain) interact with HSP90.
細胞内局在	Cytoplasm. Nucleus.



Western blot - Anti-STIP1/STI1 antibody [EPR6606]
- BSA and Azide free (ab248167)

All lanes : Anti-STIP1/STI1 antibody [EPR6606] (**ab126753**) at 1/1000 dilution

Lane 1 : Wild-type HAP1 cell lysate

Lane 2 : STIP1 knockout HAP1 cell lysate

Lane 3 : A431 cell lysate

Lane 4 : HEK-293 cell lysate

Lysates/proteins at 20 µg per lane.

Performed under reducing conditions.

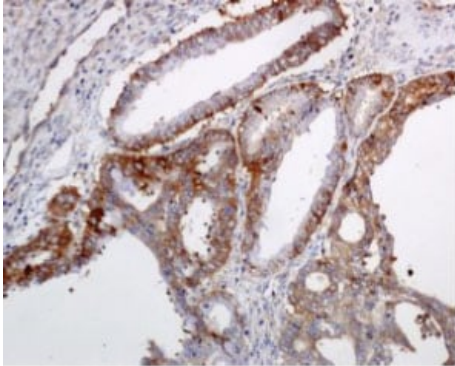
Predicted band size: 63 kDa

Observed band size: 63 kDa

This data was developed using the same antibody clone in a different buffer formulation (**ab126753**).

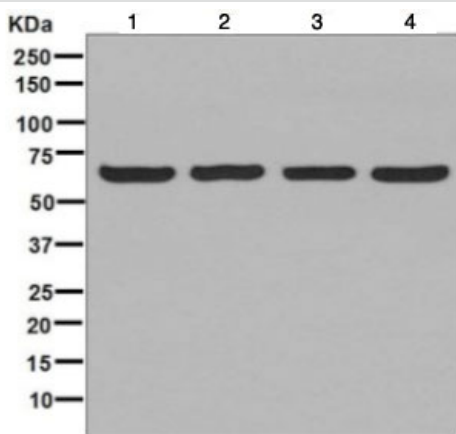
Lanes 1 - 4: Merged signal (red and green). Green - **ab126753** observed at 63 kDa. Red - loading control **ab8245** (Mouse anti-GAPDH antibody [6C5]) observed at 37kDa.

ab126753 was shown to react with STIP1/STI1 in wild-type HAP1 cells in western blot with loss of signal observed in STIP1 knockout sample. Wild-type and STIP1 knockout HAP1 cell lysates were subjected to SDS-PAGE. Membranes were blocked in 3% milk in TBS-T (0.1% Tween®) before incubation with **ab126753** and **ab8245** (Mouse anti-GAPDH antibody [6C5]) overnight at 4°C at a 1 in 1000 Dilution and a 1 in 20000 dilution respectively. Blots were incubated 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 in 20000 dilution for 1 hour at room temperature before imaging.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STIP1/STI1 antibody [EPR6606] - BSA and Azide free (ab248167)

This data was developed using [ab126753](#), the same antibody clone in a different buffer formulation. [ab126753](#), at 1/50 dilution, staining STIP1/STI1 in paraffin-embedded Human ovarian carcinoma tissue by Immunohistochemistry. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Western blot - Anti-STIP1/STI1 antibody [EPR6606] - BSA and Azide free (ab248167)

All lanes : Anti-STIP1/STI1 antibody [EPR6606] ([ab126753](#)) at 1/1000 dilution

Lane 1 : Jurkat cell lysate

Lane 2 : HeLa cell lysate

Lane 3 : BxPC-3 cell lysate

Lane 4 : HepG2 cell lysate

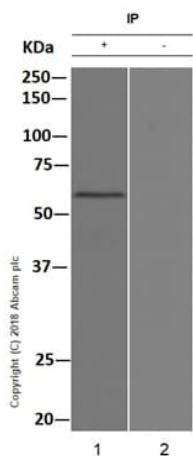
Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 63 kDa

This data was developed using [ab126753](#), the same antibody clone in a different buffer formulation.



Immunoprecipitation - Anti-STIP1/STI1 antibody
[EPR6606] - BSA and Azide free (ab248167)

This data was developed using **ab126753**, the same antibody clone in a different buffer formulation.

ab126753 immunoprecipitating STIP1/STI1 in Jurkat (Human T cell leukemia T lymphocyte) whole cell lysate at a dilution of 1/30.

Blocking and dilution buffer: 5% NFDM/TBST.

All lanes : Anti-STIP1/STI1 antibody [EPR6606] (**ab126753**) at 1/1000 dilution

Lane 1 : IP using **ab126753** in Jurkat (Human T cell leukemia T lymphocyte) whole cell lysate

Lane 2 : Jurkat (Human T cell leukemia T lymphocyte) whole cell lysate

Secondary

All lanes : Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1500 dilution

Observed band size: 63 kDa

Exposure time: 2 minutes

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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Azide free (ab248167)

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