abcam

Product datasheet

Anti-HSV1 gH antibody [BBH1] ab110227

リコンビナント

5 References　画像数 6

製品の概要

製品名	Anti-HSV1 gH antibody [BBH1]
製品の詳細	Mouse monoclonal [BBH1] to HSV1 gH
由来種	Mouse
特異性	Cross-reactivity has not been checked and this antibody might cross with HSV-2 gH.
アプリケーション	**適用あり:** IHC-P, ICC/IF, IP, WB
種交差性	**交差種:** Herpes simplex virus
免疫原	Tissue, cells or virus corresponding to HSV1 gH. Herpes Simplex Virus Type 1.
ポジティブ・コントロール	ICC/IF: HEK-293T (human epithelial cell line from embryonic kidney) transfected with myc-tagged Herpes simplex virus 1 gH expression vector IP: HEK-293T (human epithelial cell line from embryonic kidney) transfected with myc-tagged Herpes simplex virus 1 gH expression vector WB: HEK-293T (human epithelial cell line from embryonic kidney) transfected with myc-tagged Herpes simplex virus 1 gH expression vector
特記事項	This product has switched from a hybridoma to recombinant production method on 27th October 2023. 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. 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

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 0.05% BSA, 40% Glycerol (glycerin, glycerine)

精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	BBH1
アイソタイプ	IgG2a

アプリケーション

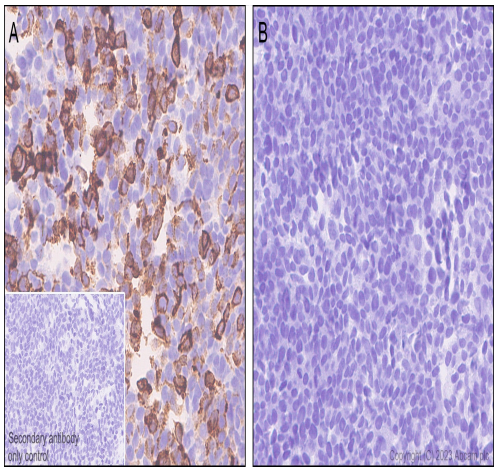
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab110227の使用に適用されます

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		1/1000.
ICC/IF		1/200.
IP		1/50.
WB		1/1000.

ターゲット情報

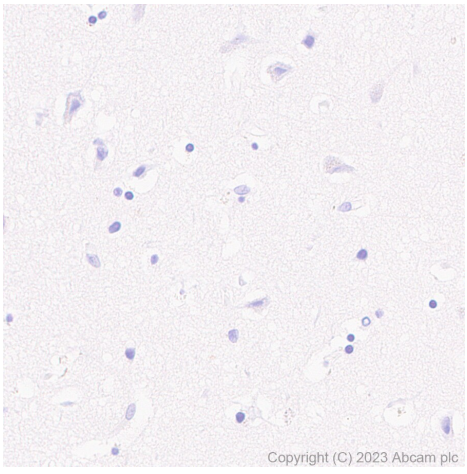
画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HSV1 gH antibody [BBH1] (ab110227)

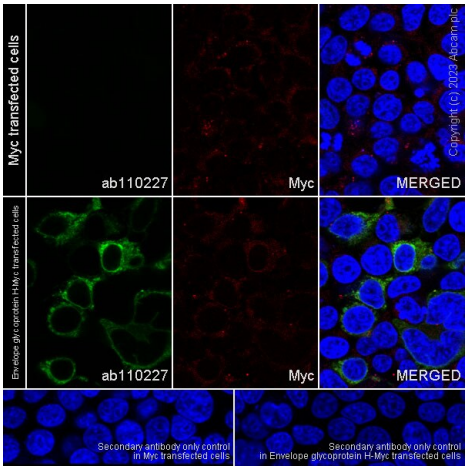
Immunohistochemical analysis of paraffin-embedded (A) HEK-293T (human embryonic kidney epithelial cell) transfected with a Herpes simplex virus 1 gH expression vector containing a myc-his tag. (B) HEK-293T cells transfected with empty vector containing a myc-his tag staning HSV1 gH with ab110227 at 1/1000 dilution (0.894 µg/ml), followed by ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Counter stained with hematoxylin.
Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).
Heat mediated antigen retrieval was performed with Citrate buffer (pH 6.0, Epitope Retrieval Solution 1) for 20 mins.
Positive staining on (A) HEK-293T transfected with a Herpes simplex virus 1 gH expression vector containing a myc-his tag. No staining on (B) HEK-293T cells transfected with empty vector containing a myc-his tag.
The section was incubated with ab110227 for 30 mins at room temperature, followed by anti-mouse IgG2a antibody for 8 mins during the LeicaDS9800 kit staining procedure.

The immunostaining was performed on a Leica Biosystems BOND® RX instrument.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HSV1 gH antibody [BBH1] (ab110227)

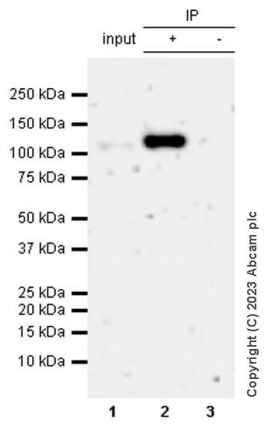
Immunohistochemical analysis of paraffin-embedded Human cerebrum tissue staning HSV1 gH with ab110227 at 1/1000 dilution (0.894 µg/ml), followed by ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Counter stained with hematoxylin.
Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).
Heat mediated antigen retrieval was performed with Citrate buffer (pH 6.0, Epitope Retrieval Solution 1) for 20 mins.
Negative control: no staining on human cerebrum.
The section was incubated with ab110227 for 30 mins at room temperature, followed by anti-mouse IgG2a antibody for 8 mins during the LeicaDS9800 kit staining procedure.
The immunostaining was performed on a Leica Biosystems BOND® RX instrument.



Immunocytochemistry/ Immunofluorescence - Anti-HSV1 gH antibody [BBH1] (ab110227)

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized HEK-293T (human epithelial cell line from embryonic kidney) transfected with myc-tagged Herpes simplex virus 1 gH expression vector cells labelling HSV1 gH with ab110227 at 1/200 (4.47 ug/ml) dilution, followed by **ab150117** Goat Anti-Mouse IgG H&L (Alexa Fluor® 488) preadsorbed antibody at 1/1000 (2 ug/ml) dilution (Green). Confocal image showing cytoplasmic and membranous staining in 293T cells transfected with a Herpes simplex virus 1 gH expression vector containing a myc-His-tag.

Image was taken with a confocal microscope(Leica-Microsystems, TCS SP8). Anti-Myc Rabbit polyclonal antibody (**ab9106**) was used to counterstain tubulin at 1/200 (2.5 ug/ml) dilution (Red). The Nuclear counterstain was DAPI (Blue).



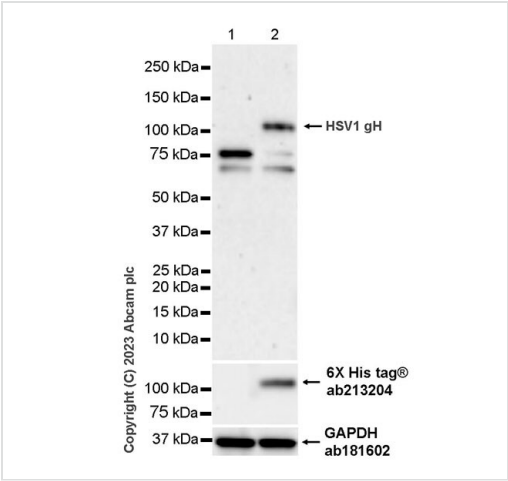
Immunoprecipitation - Anti-HSV1 gH antibody [BBH1] (ab110227)

HSV1 gH was immunoprecipitated from 0.35 mg of 293T cells transfected with a Herpes simplex virus 1 gH expression vector containing a myc-His- tag whole cell lysate with ab110227 at 1/50 dilution (2µg in 0.35mg lysates). Western blot was performed from the immunoprecipitate using ab110227 at 1/1000 dilution. **ab131366**, VeriBlot for IP secondary antibody(HRP) was used as secondary antibody at 1/5000 dilution.

Lane 1(Input):293T cells transfected with a Herpes simplex virus 1 gH
expression vector containing a myc-His-tag whole cell lysate, 10 µg
Lane 2(+):293T cells transfected with a Herpes simplex virus 1 gH expression vector containing a myc-His-tag whole cell lysate
Lane 3(-): Mouse IgG2a kppa monoclonal isotype control (**ab18413**) instead of ab110227 in 293T cells transfected with a Herpes simplex virus 1 gH expression vector containing a myc-His-tag whole cell lysate

Observed MW(KDa):100
Exposure time:180 seconds

Blocking and diluting buffer and concentration: 5% NFDM/TBST



Western blot - Anti-HSV1 gH antibody [BBH1] (ab110227)

All lanes : Anti-HSV1 gH antibody [BBH1] (ab110227) at 1/1000 dilution

Lane 1 : 293T cells transfected with an empty vector containing a myc-His-tag whole cell lysate
Lane 2 : 293T cells transfected with a Herpes simplex virus 1 gH expression vector containing a myc-His-tag whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Peroxidase-Conjugated Goat anti-Mouse IgG (H+L) at 1/10000 dilution

Performed under reducing conditions.

Observed band size: 100 kDa

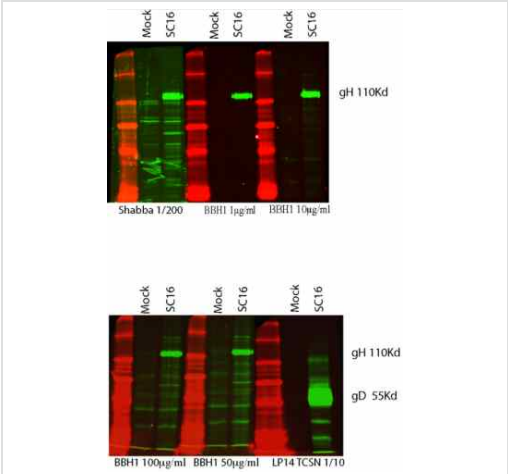
Exposure time: 48 seconds

Blocking and diluting buffer and concentration: 5% NFDM/TBST.

ab213204 was used as a total protein control at 1/5000 dilution.

ab181602 was used as a GAPDH loading control at 1/200000 dilution.

Cross-reactivity has not been checked and this antibody might cross with HSV-2 gH.



Western blot - Anti-HSV1 gH antibody [BBH1] (ab110227)

Western blot analysis of ab110227.

Each track was loaded with 2x10^5 cells infected with HSV1 strain SC16, or mock-infected cells.

BBH1 - ab110227, anti-gH monoclonal antibody (1mg/ml)
Shabba - anti-gH polyclonal antibody
LP14 - anti-gD polyclonal antibody

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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