abcam

Product datasheet

Protein Block ab64226

64 References 画像数 6

製品の概要

製品名	Protein Block
アプリケーション	**適用あり:** IHC-P, ELISA, WB
特記事項	Protein blocking buffer ab64226 for serum-free blocking of non-specific antibody binding in IHC, ELISA and western blot. Ready to use. No mixing or dilution required. For use in ELISA, add Protein Block to well and incubate for 2-10 minutes before addition of sample. Wash and continue procedure. For use in western blotting, incubate for one hour at room temperature or overnight at 4°C. **IHC protocol suitable for use with Protein Block ab64226:** For frozen sections, skip steps 1 and 2. For fluorescent IHC, skip step 3, incubate with fluorescent dye conjugated secondary at step 6, skip rest of steps, and mount with **anti-fade mounting medium**. 1. Deparaffinize and rehydrate formalin-fixed paraffin-embedded tissue section. 2. Use appropriate **antigen retrieval buffer or enzyme** (primary antibody dependent) to treat sections. Wash 3 times in buffer. 3. Add enough **hydrogen peroxide blocking solution** to cover the sections. Incubate for 10 minutes. Wash 2 times in buffer. If necessary, use **avidin biotin blocking**. 4. **Apply Protein Block ab64226** (or **normal serum** from same species as secondary antibody) **and incubate for at least 30 minutes at room temperature** to block nonspecific background staining. Wash once in buffer. 5. Apply primary antibody in **antibody diluent** and incubate. Wash 4 times in buffer. 6. Incubate with **biotinylated secondary antibody** (or **HRP polymer secondary antibody** and skip step 7). Wash 4 times in buffer. 7. Apply **streptavidin-HRP** and incubate for 10 minutes at room temperature. 8. Rinse 4 times in buffer. Place slide in **DAB substrate** or **AEC substrate** and incubate until desired color is achieved. Rinse 4 times in buffer. 9. Add enough drops of **hematoxylin** to cover the section. Incubate for 1 minute. 10. Rinse 7-8 times in tap water. Add **mounting medium** to cover the section. Find complete IHC kits, and reagents for antigen retrieval, blocking, signal amplification, visualization, counterstaining, and mounting in the **IHC kits and reagents guide**.

製品の特性

製品の状態	Liquid
保存方法	Store at +4°C.
バッファー	pH: 7.2 Preservative: 0.1% Sodium azide Constituents: PBS, 0.5% Casein, 0.5% BSA
IHC 試薬 備考	ab64226 reduces the handling of animal serums in the laboratory. The need to match species with the secondary antibody is eliminated due to the lack of normal serum in this product. It has been shown to be effective for immunohistochemistry, ELISA, and blot and requires no mixing or diluting.
関連性	Protein Block is used with immunolabeling techniques for the reduction of non-specific background staining.

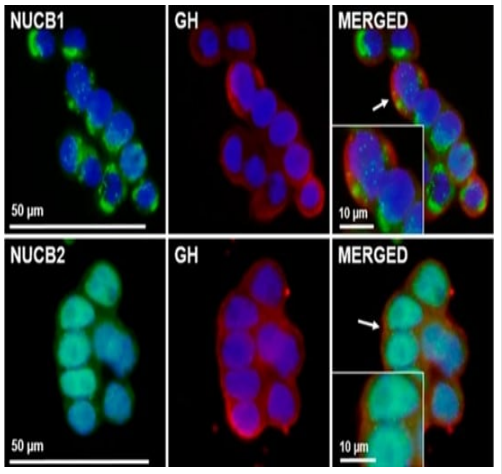
アプリケーション

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ab64226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。

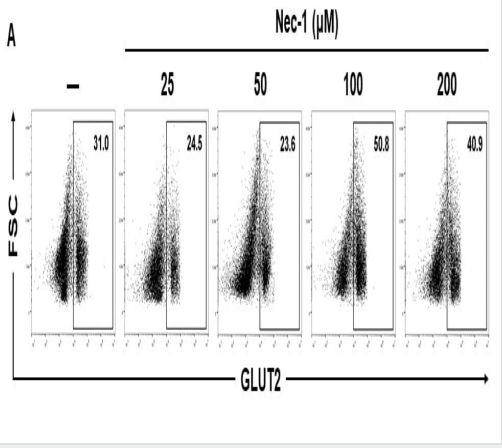
アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent dilution.
ELISA		Use at an assay dependent dilution.
WB		Use at an assay dependent dilution.

画像



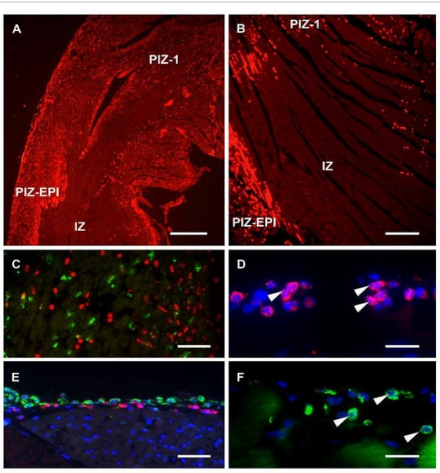
Immunocytochemistry - Protein Block (ab64226)

NUCB1/NLP and NUCB2/NESF colocalizes with GH in somatotrophsRepresentative images of immunofluorescence detection of NUCB1 (green), NUCB2 (green) and GH (red) in GH3 cells. Cells were blocked with an antibody blocking buffer (ABB) based in PBS consisting of 3% BSA, 0.05% Triton X-100 and 10% of protein block solution (ab64226). Cells were counterstained with DAPI (blue) and the images were acquired at 40X magnification.



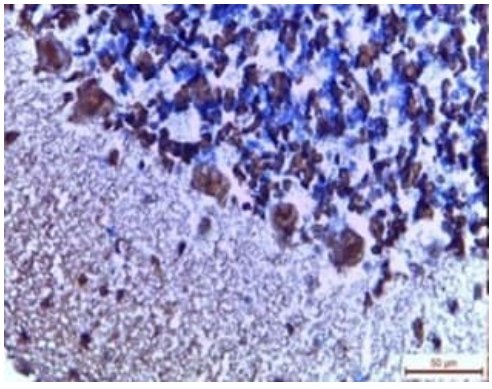
Flow Cytometry - Protein Block (ab64226)

GLUT2 expression in beta cells of islets after treatment with necrostatin-1.islet were dissociated into single cells, fixed and permeabilised before incubation with Protein Block (ab64226) on ice for 30 minutes to decrease non-specific binding. Then cells were labelled using a FITC-conjugated anti-GLUT2.



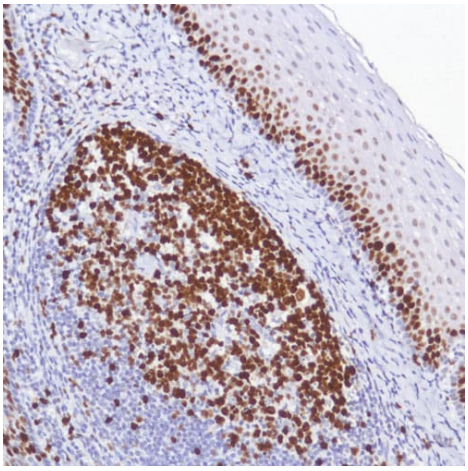
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Protein Block (ab64226)

Immunofluorescence staining of MPO and CD68 in rat heart(A,B) MPO (**ab9535**, diluted at 1:100) immunoreactivity on a cross section of the heart showing the transmural ischemic zone (IZ) of the anterior wall of the left ventricle with subepicardial (PIZ-EPI) and peripheral (PIZ-1) peri-infarct zones; (C) MPO- (red, **ab150084**, diluted 1:200) and CD68 (**ab31630**, diluted at 1:250)-immunoreactivity (green, **ab150117**, dilued 1:200) of the peri-infarct zone showing no co-localisation of fluorescence; (D) MPO-immunoreactivity is found in the cytoplasm of polymorphonuclear cells (white arrows); (E) a layer of cellular profiles, immunoreactive for both the MPO and CD68 detected within the subepicardial myocardium; (F) CD68-immunoreactivity is found in the cytoplasm of mononuclear cells (white arrows). Scale bars: A = 0.5 mm, B = 200 ?m, C = 75 ?m, D,F = 20 ?m, E = 50 ?m.



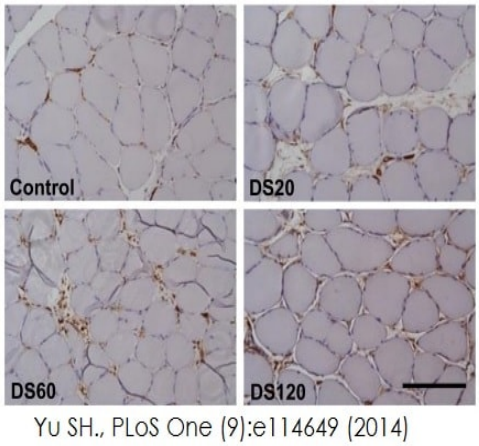
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Protein Block (ab64226)

Light micrographs of cerebellar sections with immunohistochemistry by anti-caspase 3 antibodies.Adult male albino rat demonstrating mild caspase-3 immunoreactivity in the three cerebellar layers. Incubation of sections was done with rabbit monoclonal caspase-3 antibodies (Abcam, Cambridge, UK), 1:200 dilutions for 1?h.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Protein Block (ab64226)

ab64226 was used as pasr of the **ab93677** anti-Mouse and Rabbit specific HRP (ABC) Detection IHC kit to perform immunohistochemical analysis of Human Tonsil tissue labeling Ki-67.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Protein Block (ab64226)

Yu S.H., PLoS One 9 (12), Fig 7c. doi: 10.1371/journal.pone.0114649 Reproduced under the Creative Commons license http://creativecommons.org/licenses/by/4.0/

ab64226 was used in the mouse and rabbit specific HRP/DAB detection IHC Kit (**ab64264**) to visualize Immunohistochemical analysis staining CD163 in mouse soleus muscle section. Samples were incubated in rabbit CD163 antibody at 1:450 dilution.

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