

Mouse IgG2b monoclonal [R311-MouseIgG2b] - Isotype control - BSA and Azide free ab281638

リコンビナント

画像数 8

製品の概要

製品名	Mouse IgG2b monoclonal [R311-MouseIgG2b] - Isotype control - BSA and Azide free
アプリケーション	適用あり: ICC/IF, IHC-P, Flow Cyt
免疫原	The details of the immunogen for this antibody are not available.
特記事項	<p>ab281638 is the carrier-free version of ab281590. This format is designed for use in antibody labeling, including fluorochromes, metal isotopes, oligonucleotides, enzymes.</p> <p>Our carrier-free formats are supplied in a buffer free of BSA, sodium azide and glycerol for higher conjugation efficiency.</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>ab281638 is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm.</p> <p><i>Maxpar® is a trademark of Fluidigm Canada Inc.</i></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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	Constituent: 100% 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

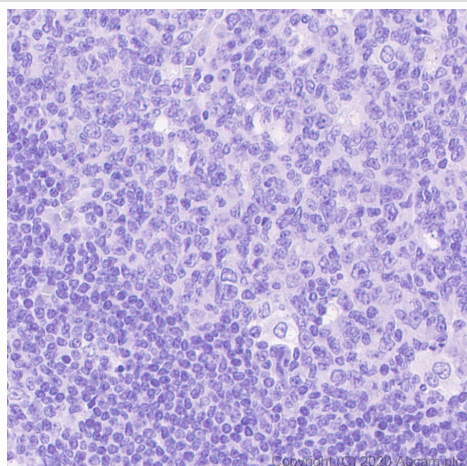
クローン名	R311-MouseIgG2b
アイソタイプ	IgG2b

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ab281638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確認ください。

アプリケーション	Abreviews	特記事項
ICC/IF		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
Flow Cyt		Use at an assay dependent concentration.

画像



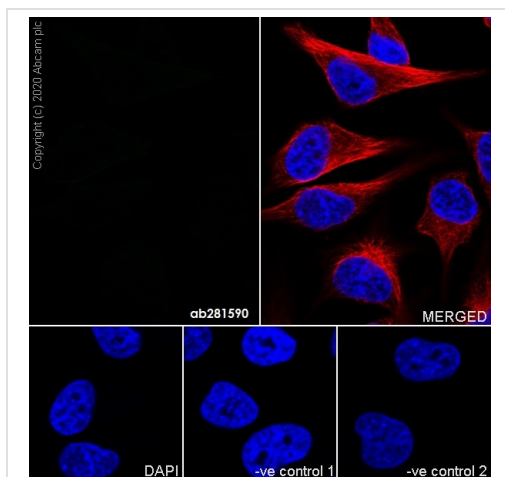
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Mouse IgG2b monoclonal [R311-MouseIgG2b] - Isotype control - BSA and Azide free (ab281638)

This data was developed using **ab281590**, the same antibody clone in a different buffer formulation.

Immunohistochemical analysis of paraffin-embedded Human tonsil tissue labeling Mouse IgG2b with **ab281590** at 1/200 dilution followed by a ready to use Goat Anti-Mouse IgG H&L (HRP polymer) (**ab214879**). **Negative control:** No staining on human tonsil. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is ready to use Goat Anti-Mouse IgG H&L (HRP polymer) (**ab214879**).

Heat mediated antigen retrieval using **ab93678** (citrate buffer, pH 6.0).



Immunocytochemistry/ Immunofluorescence -
Mouse IgG2b monoclonal [R311-MouseIgG2b] -
Isotype control - BSA and Azide free (ab281638)

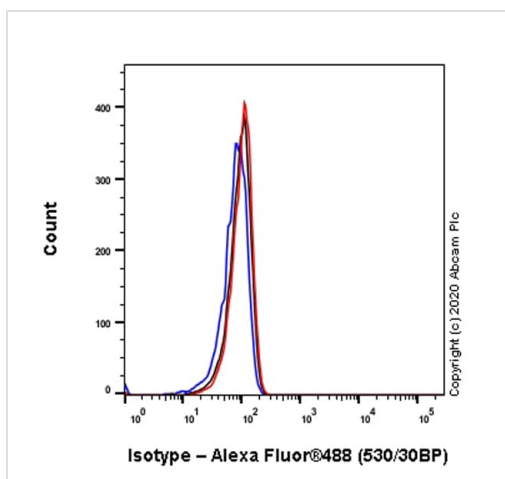
This data was developed using **ab281590**, the same antibody clone in a different buffer formulation.

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa cells labelling Mouse IgG2b with **ab281590** at 1/20 dilution, followed by **ab150113** Goat Anti-Mouse IgG H&L (Alexa Fluor® 488) antibody at 1/1000 dilution (Green). **ab179513** Anti-beta Tubulin rabbit monoclonal antibody was used to counterstain tubulin at 1/200 dilution followed by **ab150080** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 594) at 1/1000 dilution (Red). The nuclear counterstain was DAPI (Blue).

Confocal image showing **no staining** in HeLa cells.

Negative control 1: **ab281590** at a 1/20 dilution followed by **ab150113** at a 1/1000 dilution.

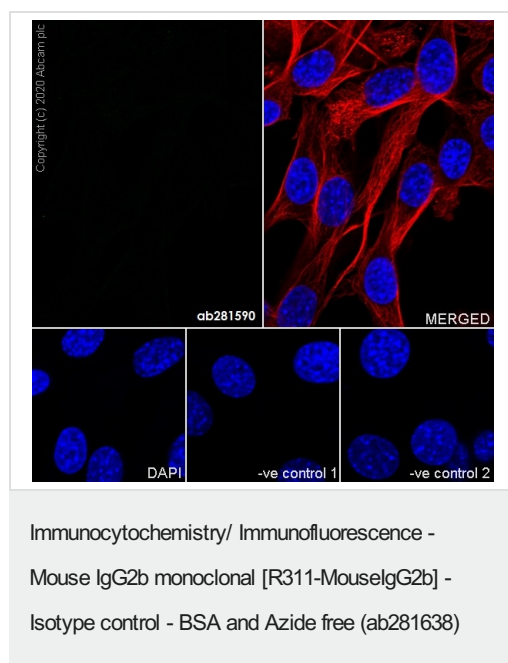
Negative control 2: **ab179513** at a 1/200 dilution followed by **ab150080** at a 1/1000 dilution.



Flow Cytometry - Mouse IgG2b monoclonal [R311-MouseIgG2b] - Isotype control - BSA and Azide free (ab281638)

This data was developed using **ab281590**, the same antibody clone in a different buffer formulation.

Flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized HeLa (Human cervix adenocarcinoma epithelial cell) cells labelling Mouse IgG2b with **ab281590** at 1/500 dilution (0.1 µg) (Red) compared with a Mouse (E7Q5L) mAb IgG2b Isotype Control (Black) and unlabelled control (cells without incubation with primary antibody and secondary antibody)(Blue). A Goat anti mouse IgG (Alexa Fluor® 488, **ab150113**) at 1/2000 dilution was used as the secondary antibody.



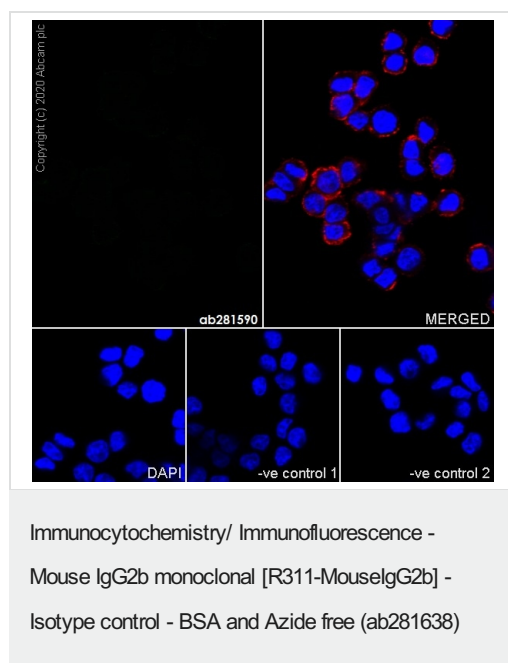
This data was developed using [ab281590](#), the same antibody clone in a different buffer formulation.

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized NIH/3T3 cells labelling Mouse IgG2b with [ab281590](#) at 1/20 dilution, followed by [ab150113](#) Goat Anti-Mouse IgG H&L (Alexa Fluor® 488) antibody at 1/1000 dilution (Green). [ab179513](#) Anti-beta Tubulin rabbit monoclonal antibody was used to counterstain tubulin at 1/200 dilution followed by [ab150080](#) Goat Anti-Rabbit IgG H&L (Alexa Fluor® 594) at 1/1000 dilution (Red). The nuclear counterstain was DAPI (Blue).

Confocal image showing **no staining** in NIH/3T3 cells.

Negative control 1: [ab281590](#) at a 1/20 dilution followed by [ab150113](#) at a 1/1000 dilution.

Negative control 2: [ab179513](#) at a 1/200 dilution followed by [ab150080](#) at a 1/1000 dilution.



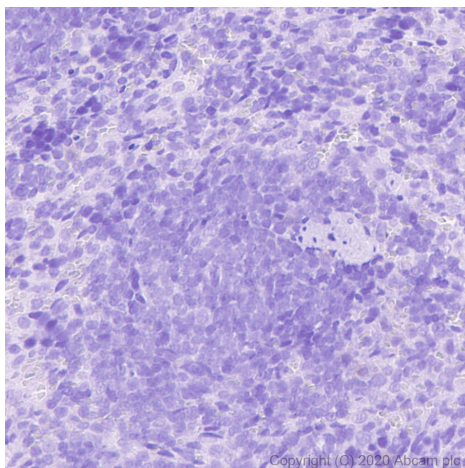
This data was developed using [ab281590](#), the same antibody clone in a different buffer formulation.

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized PC-12 cells labelling Mouse IgG2b with [ab281590](#) at 1/20 dilution, followed by [ab150113](#) Goat Anti-Mouse IgG H&L (Alexa Fluor® 488) antibody at 1/1000 dilution (Green). [ab179513](#) Anti-beta Tubulin rabbit monoclonal antibody was used to counterstain tubulin at 1/200 dilution followed by [ab150080](#) Goat Anti-Rabbit IgG H&L (Alexa Fluor® 594) at 1/1000 dilution (Red). The nuclear counterstain was DAPI (Blue).

Confocal image showing **no staining** in PC-12 cells.

Negative control 1: [ab281590](#) at a 1/20 dilution followed by [ab150113](#) at a 1/1000 dilution.

Negative control 2: [ab179513](#) at a 1/200 dilution followed by [ab150080](#) at a 1/1000 dilution.



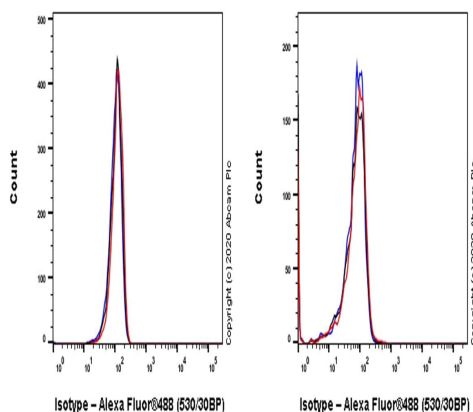
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Mouse IgG2b monoclonal [R311-MouseIgG2b] - Isotype control - BSA and Azide free (ab281638)

This data was developed using [ab281590](#), the same antibody clone in a different buffer formulation.

Immunohistochemical analysis of paraffin-embedded Rat spleen tissue labeling Mouse IgG2b with [ab281590](#) at 1/200 dilution followed by a ready to use Goat Anti-Mouse IgG H&L (HRP polymer) ([ab214879](#)). **Negative control:** No staining on rat spleen. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is ready to use Goat Anti-Mouse IgG H&L (HRP polymer) ([ab214879](#)).

Heat mediated antigen retrieval using [ab93678](#) (citrate buffer, pH 6.0).



Flow Cytometry - Mouse IgG2b monoclonal [R311-MouseIgG2b] - Isotype control - BSA and Azide free (ab281638)

This data was developed using [ab281590](#), the same antibody clone in a different buffer formulation.

Flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized NIH/3T3 (Mouse embryonic fibroblast, Left) / PC-12 (Rat adrenal gland pheochromocytoma, Right) cells labelling Mouse IgG2b with [ab281590](#) at 1/500 dilution (0.1µg) (Red) compared with a Mouse (E7Q5L) mAb IgG2b Isotype Control (Black) and unlabelled control (cells without incubation with primary antibody and secondary antibody)(Blue). A Goat anti mouse IgG (Alexa Fluor® 488, [ab150113](#)) at 1/2000 dilution was used as the secondary antibody.

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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Isotype control - BSA and Azide free (ab281638)

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