

Product datasheet

Rabbit IgG, monoclonal [EPR25A] - Isotype Control ab172730

Recombinant RabMAb

47 References 11 Images

Overview

Product name	Rabbit IgG, monoclonal [EPR25A] - Isotype Control
Tested applications	Suitable for: ICC/IF, Flow Cyt, IHC-P, CHIPseq, IP
General notes	Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents We are constantly working hard to ensure we provide our customers with best in class antibodies. As a result of this work we are pleased to now offer this antibody in purified format. We are in the process of updating our datasheets. The purified format is designated 'PUR' on our product labels. If you have any questions regarding this update, please contact our Scientific Support team. This product is a recombinant rabbit monoclonal antibody.

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR25A
Isotype	IgG

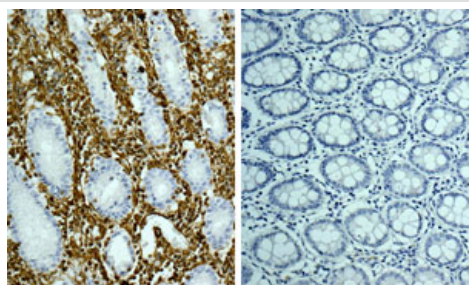
Applications

Our [Abpromise guarantee](#) covers the use of **ab172730** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

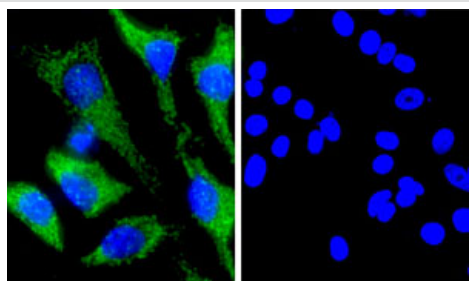
Application	Abreviews	Notes
ICC/IF		Use at an assay dependent concentration. Please note: This product should be diluted to the same concentration (not dilution) of the primary antibody to be used.
Flow Cyt		Use at an assay dependent concentration. Please note: This product should be diluted to the same concentration (not dilution) of the primary antibody to be used.
IHC-P		Use at an assay dependent concentration. Please note: This product should be diluted to the same concentration (not dilution) of the primary antibody to be used.
CHIPseq		Use at an assay dependent concentration. PubMed: 26455392
IP		Use at an assay dependent concentration.

Images



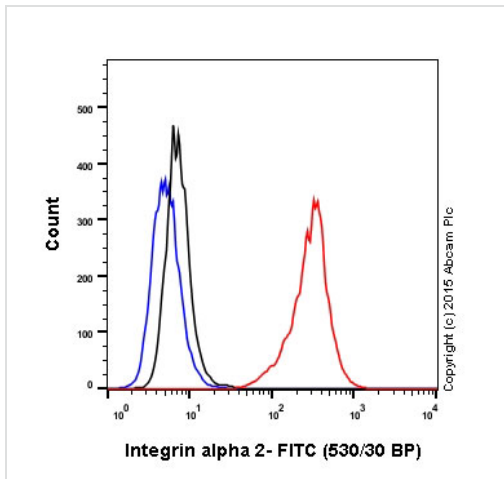
Immunohistochemical analysis of paraffin-embedded human colon tissue using anti-Vimentin RabMAb ([ab92547](#), left panel) (brown) and Rabbit mAb IgG control ([ab172730](#), right panel).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Rabbit IgG, monoclonal - Isotype Control ([ab172730](#))



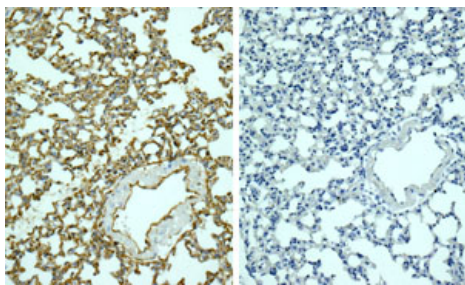
Immunofluorescent staining of HeLa cells using anti-AIF RabMAb ([ab32516](#), left panel) (green) and Rabbit mAb IgG control ([ab172730](#), right panel). DAPI nuclear staining (blue).

Immunocytochemistry/ Immunofluorescence - Rabbit IgG, monoclonal - Isotype Control ([ab172730](#))



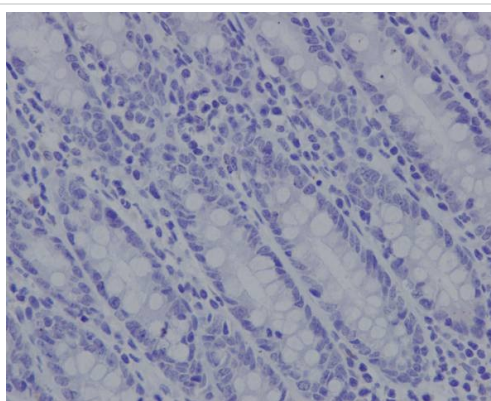
Flow Cytometry - Rabbit IgG, monoclonal [EPR25A]
- Isotype Control (ab172730)

Overlay histogram showing A549 (human lung carcinoma) cells stained with [ab133557](#) (red line). The cells were fixed with 2% paraformaldehyde. The cells were then incubated with [ab133557](#) at 1/60 dilution. The secondary antibody used was goat anti-rabbit IgG (FITC) at 1/150 dilution. Isotype control antibody (black line) was rabbit IgG (monoclonal) (ab172730). Unlabelled control (blue line) was cells without incubation with primary antibody and secondary antibody. Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 530/30 bandpass filter.



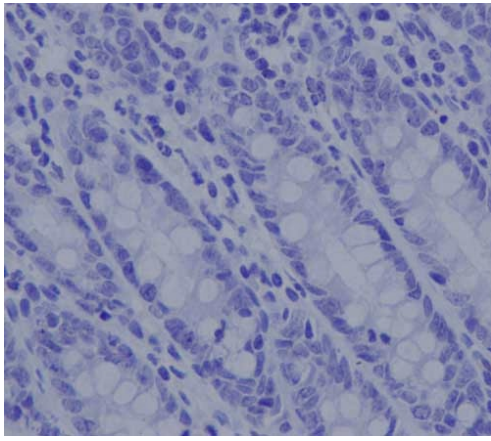
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Rabbit IgG, monoclonal - Isotype Control (ab172730)

Immunohistochemical analysis of paraffin-embedded mouse lung tissue using anti-Vimentin RabMAb ([ab92547](#), left panel) (brown) and Rabbit mAb IgG control (ab172730, right panel).



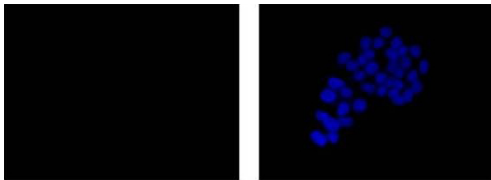
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Rabbit IgG, monoclonal [EPR25A] - Isotype Control (ab172730)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human colon tissue with unpurified Rabbit IgG ab172730 at 1/10. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. A prediluted HRP-polymer conjugated anti-rabbit IgG was used as the secondary antibody. Counterstained with Hematoxylin.



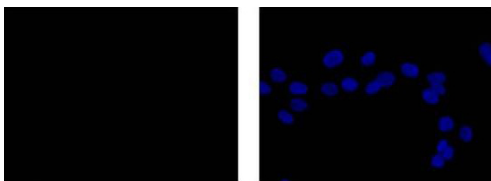
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Rabbit IgG, monoclonal [EPR25A] - Isotype Control (ab172730)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human colon tissue with purified Rabbit IgG ab172730 at 1/100. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. A prediluted HRP-polymer conjugated anti-rabbit IgG was used as the secondary antibody. Counterstained with Hematoxylin.



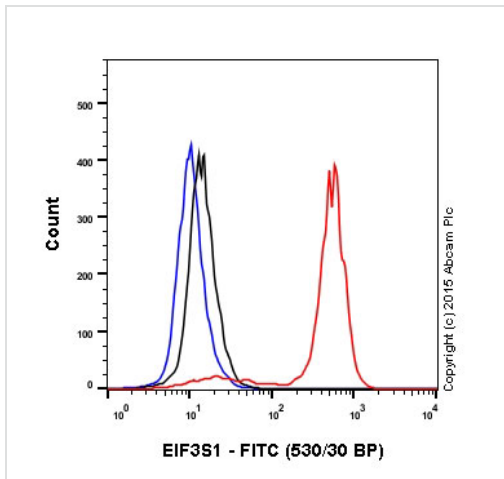
Immunocytochemistry/ Immunofluorescence - Rabbit IgG, monoclonal [EPR25A] - Isotype Control (ab172730)

Immunocytochemistry/Immunofluorescence analysis of HeLa cells with purified Rabbit IgG ab172730 at 1/100. Cells were fixed with 4% paraformaldehyde. An Alexa Fluor[®] 488-conjugated goat anti-rabbit IgG (1/200) was used as the secondary antibody. Counterstained with DAPI (blue).



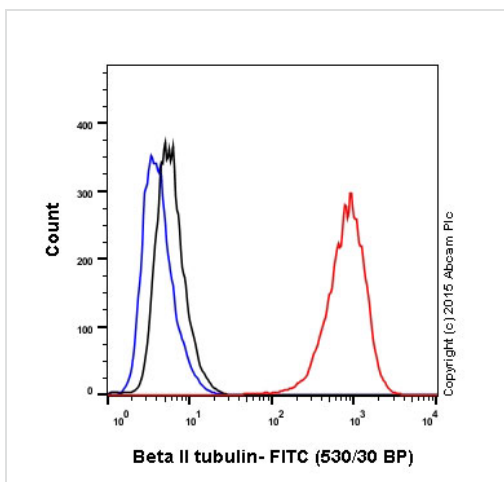
Immunocytochemistry/ Immunofluorescence - Rabbit IgG, monoclonal [EPR25A] - Isotype Control (ab172730)

Immunocytochemistry/Immunofluorescence analysis of HeLa cells with unpurified Rabbit IgG ab172730 at 1/10. Cells were fixed with 4% paraformaldehyde. An Alexa Fluor[®] 488-conjugated goat anti-rabbit IgG (1/200) was used as the secondary antibody. Counterstained with DAPI (blue).



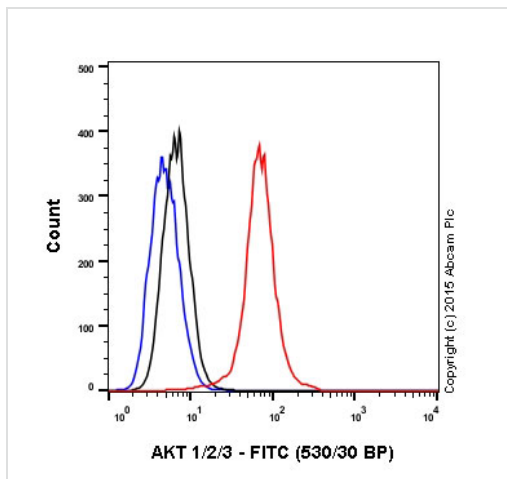
Flow Cytometry - Rabbit IgG, monoclonal [EPR25A]
- Isotype Control (ab172730)

Overlay histogram showing K562 (human chronic myelogenous leukemia) cells stained with [ab196018](#) (red line). The cells were fixed with 2% paraformaldehyde. The cells were then incubated with [ab196018](#) at 1/150 dilution. The secondary antibody used was goat anti-rabbit IgG (FITC) at 1/150 dilution. Isotype control antibody (black line) was rabbit IgG (monoclonal) (ab172730). Unlabelled control (blue line) was cells without incubation with primary antibody and secondary antibody. Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 530/30 bandpass filter.



Flow Cytometry - Rabbit IgG, monoclonal [EPR25A]
- Isotype Control (ab172730)

Overlay histogram showing SH-SY5Y (human neuroblastoma) cells stained with [ab179513](#) (red line). The cells were fixed with 2% paraformaldehyde. The cells were then incubated with [ab179513](#) at 1/150 dilution. The secondary antibody used was goat anti-rabbit IgG (FITC) at 1/150 dilution. Isotype control antibody (black line) was rabbit IgG (monoclonal) (ab172730). Unlabelled control (blue line) was cells without incubation with primary antibody and secondary antibody. Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 530/30 bandpass filter.



Flow Cytometry - Rabbit IgG, monoclonal [EPR25A]
- Isotype Control (ab172730)

Overlay histogram showing A549 (human lung carcinoma) cells stained with [ab185633](#) (red line). The cells were fixed with 2% paraformaldehyde. The cells were then incubated with [ab185633](#) at 1/150 dilution. The secondary antibody used was goat anti-rabbit IgG (FITC) at 1/150 dilution. Isotype control antibody (black line) was rabbit IgG (monoclonal) (ab172730). Unlabelled control (blue line) was cells without incubation with primary antibody and secondary antibody. Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 530/30 bandpass filter

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