abcam

Product datasheet

HRP Rabbit IgG, monoclonal [EPR25A] - Isotype Control ab199507

Recombinant RabMAb

7 Images

Overview

Product name	HRP Rabbit IgG, monoclonal [EPR25A] - Isotype Control
Conjugation	HRP
Tested applications	**Suitable for:** IHC-P
Immunogen	Chemical/ Small Molecule conjugated to keyhole limpet haemocyanin. KLH is a copper containing oxygen carrier occurring freely dissolved in the hemolymph of many molluscs and arthropods.KLH forms a large complex composed of ~50 kDa subunits.
General notes	KLH is often used in molecular immunology as a carrier protein conjugated to low molecular weight molecules such as peptides, amino acids, nucleic acids, drugs or toxins to render them more immunogenic due to the size of the conjugate complex and the immunogenicity of KLH. This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

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. Store In the Dark.
Storage buffer	pH: 7.40 Preservative: 0.1% Proclin 300 Solution Constituents: PBS, 30% Glycerol (glycerin, glycerine), 1% BSA
Purity	Protein A purified
Clonality	Monoclonal

Clone number	EPR25A
Isotype	IgG
Cellular localization	Secreted

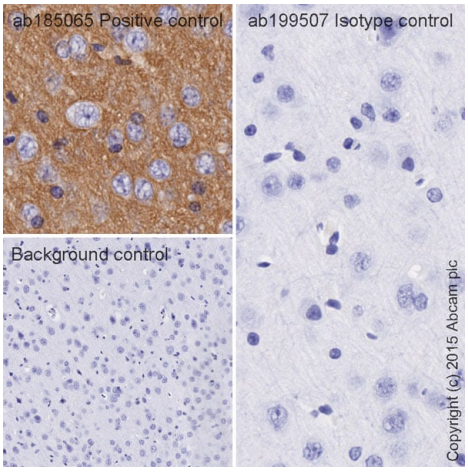
Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab199507 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
IHC-P		1/50. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Images

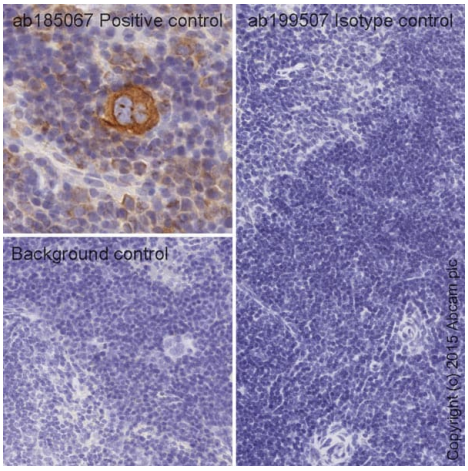


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - HRP Rabbit IgG, monoclonal [EPR25A] - Isotype Control (ab199507)

IHC image of formalin-fixed paraffin-embedded normal mouse brain sections tested on a Leica BOND™. Sections were pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20mins. The sections were then incubated with antibody (**ab185065**, Rabbit monoclonal to sodium potassium ATPase, at 1/50 dilution) or isotype control (ab199507, Rabbit IgG, at 1/50 dilution) for 15 mins at room temperature. DAB was used as the chromogen. The sections were then counterstained with haematoxylin and mounted with DPX.

The background control image is taken from an identical assay without primary antibody or isotype control.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - HRP Rabbit IgG, monoclonal [EPR25A] - Isotype Control (ab199507)

IHC image of formalin-fixed paraffin-embedded normal mouse spleen sections tested on a Leica BOND™. Sections were pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20mins. The sections were then incubated with antibody (**ab185067**, Rabbit monoclonal to alpha tubulin, at 1/100 dilution) or isotype control (ab199507, Rabbit IgG, at 1/50 dilution) for 15 mins at room temperature. DAB was used as the chromogen. The sections were then counterstained with haematoxylin and mounted with DPX.

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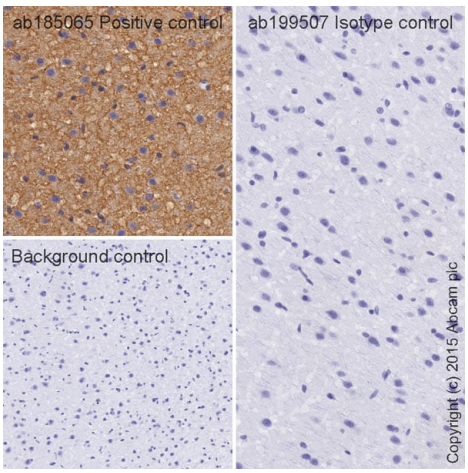

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - HRP Rabbit IgG, monoclonal [EPR25A] - Isotype Control (ab199507)

IHC image of formalin-fixed paraffin-embedded normal rat brain sections tested on a Leica BOND™. Sections were pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20mins. The sections were then incubated with antibody (**ab185065**, Rabbit monoclonal to sodium potassium ATPase, at 1/50 dilution) or isotype control (ab199507, Rabbit IgG, at 1/50 dilution) for 15 mins at room temperature. DAB was used as the chromogen. The sections were then counterstained with haematoxylin and mounted with DPX.

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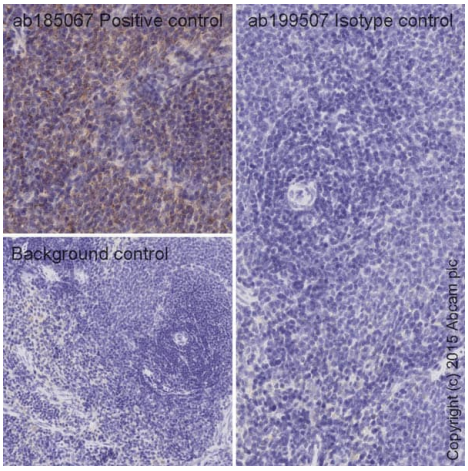

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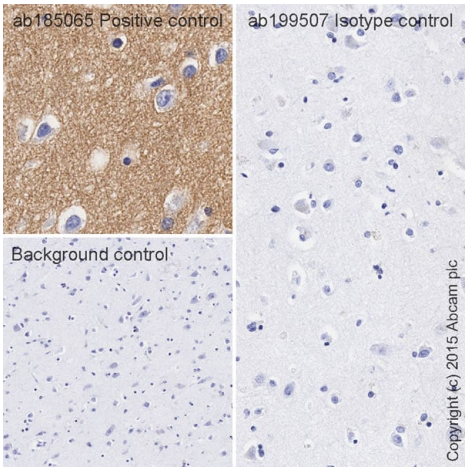

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - HRP Rabbit IgG, monoclonal [EPR25A] - Isotype Control (ab199507)

IHC image of formalin-fixed paraffin-embedded normal human cerebral cortex sections* tested on a Leica BOND™. Sections were pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20mins. The sections were then incubated with antibody (**ab185065**, Rabbit monoclonal to sodium potassium ATPase, at 1/50 dilution) or isotype control (ab199507, Rabbit IgG, at 1/50 dilution) for 15 mins at room temperature. DAB was used as the chromogen. The sections were then counterstained with haematoxylin and mounted with DPX.

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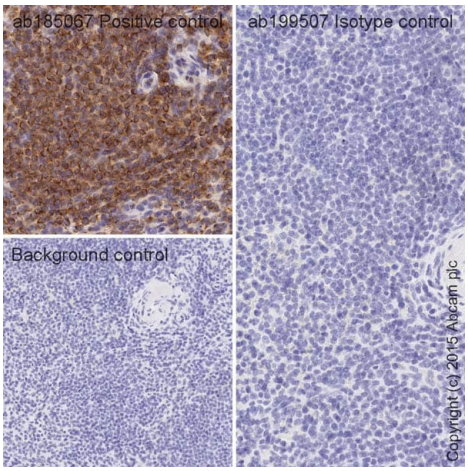
*Tissue obtained from the Human Research Tissue Bank, supported by the NIHR Cambridge Biomedical Research Centre.



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IHC image of formalin-fixed paraffin-embedded normal human spleen sections* tested on a Leica BOND™. Sections were pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20mins. The sections were then incubated with antibody (**ab185067**, Rabbit monoclonal to alpha tubulin, at 1/100 dilution) or isotype control (ab199507, Rabbit IgG, at 1/50 dilution) for 15 mins at room temperature. DAB was used as the chromogen. The sections were then counterstained with haematoxylin and mounted with DPX.

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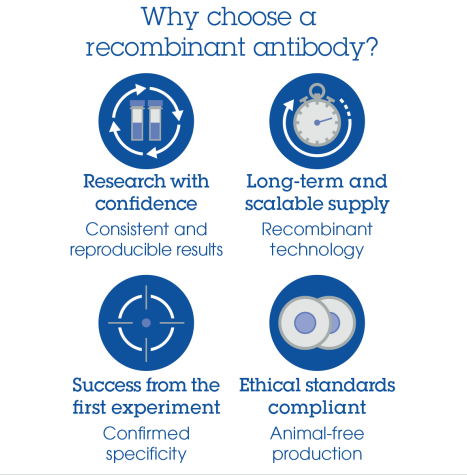

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