

Product datasheet

Anti-Human IgA antibody [EPSISR10] ab133660

Recombinant RabMAb

5 Images

Overview

Product name	Anti-Human IgA antibody [EPSISR10]
Description	Rabbit monoclonal [EPSISR10] to Human IgA
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P Unsuitable for: IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human Human IgA aa 250-350. The exact sequence is proprietary.
Positive control	Human plasma and tonsil lysates; Human tonsil and stomach tissues; purified Human IgA.
General notes	<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> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant</p>
Purity	Protein A purified
Clonality	Monoclonal

Clone number EPSISR10
Isotype IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab133660 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
WB		1/1000 - 1/10000. Detects a band of approximately 50 kDa (predicted molecular weight: 37 kDa).
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

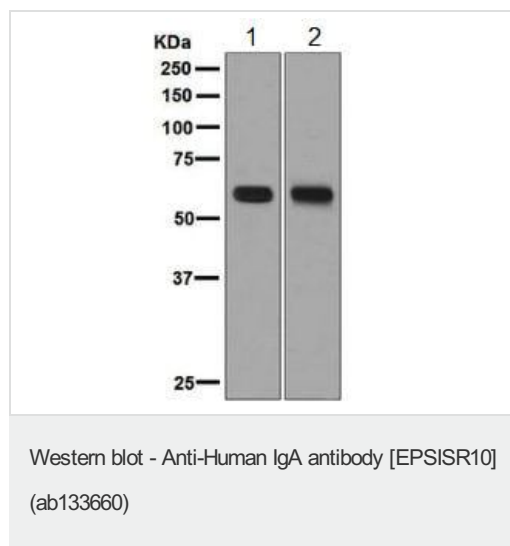
Application notes Is unsuitable for IP.

Target

Relevance Ig alpha is the major immunoglobulin class in body secretions. It may serve both to defend against local infection and to prevent access of foreign antigens to the general immunologic system.

Cellular localization Secreted

Images



All lanes : Anti-Human IgA antibody [EPSISR10] (ab133660) at 1/1000 dilution

Lane 1 : Human plasma lysate

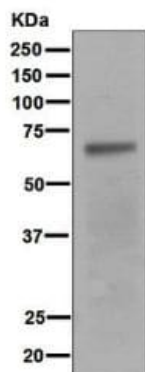
Lane 2 : Human tonsil lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 37 kDa



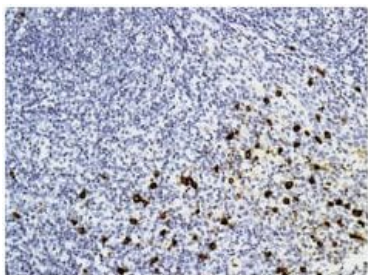
Western blot - Anti-Human IgA antibody [EPSISR10] (ab133660)

Anti-Human IgA antibody [EPSISR10] (ab133660) at 1/1000 dilution + Purified Human IgA at 10 µg

Secondary

HRP labelled goat anti-rabbit at 1/2000 dilution

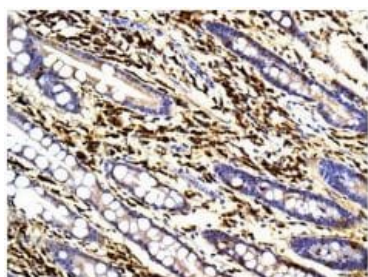
Predicted band size: 37 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Human IgA antibody [EPSISR10] (ab133660)

Immunohistochemical analysis of paraffin-embedded Human tonsil tissue labelling Human IgA with ab133660 at 1/250 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Human IgA antibody [EPSISR10] (ab133660)

Immunohistochemical analysis of paraffin-embedded Human stomach tissue labelling Human IgA with ab133660 at 1/250 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

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

Anti-Human IgA antibody [EPSISR10] (ab133660)

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

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