

Anti-IgA antibody [EPR5367-76] ab124716

重组 RabMAb

★★★★★ [2 Abreviews](#) [5 References](#) [5 图像](#)

概述

产品名称	Anti-IgA抗体[EPR5367-76]
描述	兔单克隆抗体[EPR5367-76] to IgA
宿主	Rabbit
特异性	This antibody reacts with Heavy chain of IgA. It does not react with either kappa or lambda light chain. It does not react with other Ig.
经测试应用	适用于: WB, IP, ELISA, IHC-P
种属反应性	与反应: Human
免疫原	Full length native protein (purified) corresponding to Human IgA.
阳性对照	Human tonsil, Human plasma, and Human spleen lysates; Human colon tissue, Human tonsil tissue.
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	<p>pH: 7.20</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant</p>

纯度	Protein A purified
克隆	单克隆
克隆编号	EPR5367-76
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab124716于以下的经测试应用

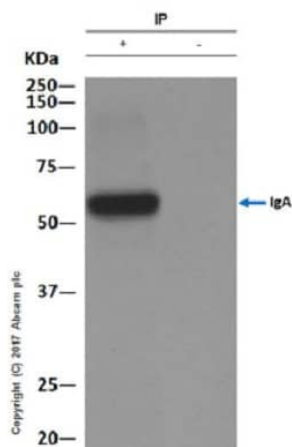
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000 - 1/10000. Predicted molecular weight: 37 kDa.
IP		1/10 - 1/100.
ELISA		1/250 - 1/4000.
IHC-P	★★★★★ (1)	1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

靶标

相关性	<p>Human IgA (immunoglobulin A) is a glycosylated protein of 160 kDa and is produced as a monomer or as a J chain linked dimer. Monomeric IgA constitutes 5-15 % of the serum immunoglobulins whereas dimeric IgA is localized to mucosa surfaces such as saliva, gastrointestinal secretion, bronchial fluids and milk. Mucosal IgA plays a major role in host defence by neutralising infectious agents at mucosal surfaces. The production is usually local and antigen specific IgA producing B cells can be found in regions under the lamina propria where they mature into dimeric IgA producing plasma cells. IgA deficiency is the most common immunodeficiency that may affect both serum and mucosal produced IgA. OR: The secretory component is a component of immunoglobulin A (IgA) which consists of a portion of the polymeric immunoglobulin receptor. Polymeric IgA binds to the polymeric immunoglobulin receptor on the basolateral surface of epithelial cells and is taken up into the cell via transcytosis. The receptor-IgA complex passes through the cellular compartments before being secreted on the luminal surface of the epithelial cells, still attached to the receptor. Proteolysis of the receptor occurs and the dimeric IgA molecule, along with the secretory component, are free to diffuse throughout the lumen.</p>
细胞定位	Secreted

图片



Immunoprecipitation - Anti-IgA antibody [EPR5367-76] (ab124716)

Capture ab 1:60 dilution (1µg in 1mg lysate). Primary ab for WB ab124716 at 1:1000 dilution (0.18µg/ml). Secondary ab Anti-Rabbit IgG (HRP), specific to the non5% NFDM/TBST -reduced form of IgG. Secondary ab concentration 1:1500 dilution. Blocking buffer and concentration 5% NFDM/TBST. Diluting buffer and concentration 5% NFDM/TBST Lane 1 (+) Human plasma Lane 2 (-) Rabbit monoclonal IgG (**ab172730**) instead of ab124716 in Human plasma

All lanes : Anti-IgA antibody [EPR5367-76] (ab124716) at 0.18 µg/ml (ab124716 at 1:1000 dilution (0.18µg/ml))

Lane 1 : Human plasma with NFDM/TBST

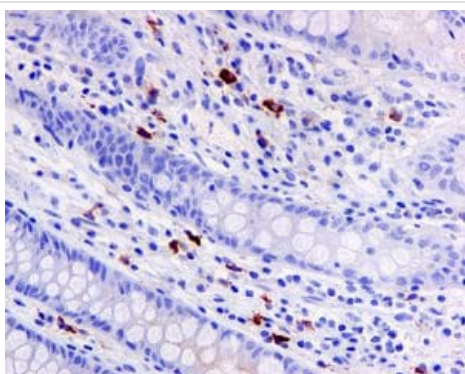
Lane 2 : Rabbit monoclonal IgG (**ab172730**) instead of ab124716 in Human plasma with NFDM/TBST

Blocking peptides at 5 % per lane.

Secondary

All lanes : Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1500 dilution

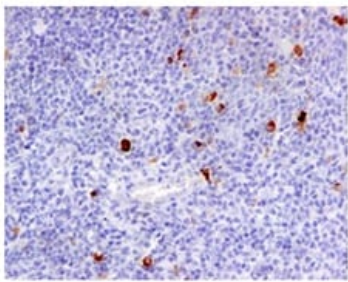
Observed band size: 60 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IgA antibody [EPR5367-76] (ab124716)

ab124716, at 1/100, staining IgA in paraffin embedded Human colon tissue by Immunohistochemistry.

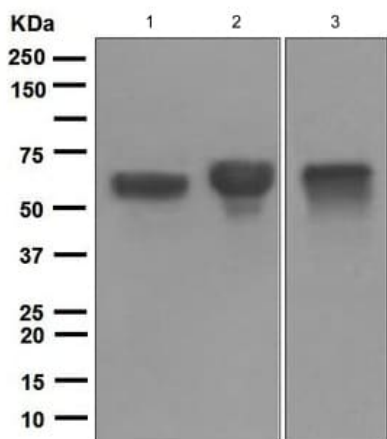
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IgA antibody [EPR5367-76] (ab124716)

ab124716, at 1/100, staining IgA in paraffin embedded Human tonsil tissue by Immunohistochemistry.

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



Western blot - Anti-IgA antibody [EPR5367-76] (ab124716)

All lanes : Anti-IgA antibody [EPR5367-76] (ab124716) at 1/1000 dilution

Lane 1 : Human tonsil lysate

Lane 2 : Human plasma lysate

Lane 3 : Human spleen 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

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-IgA antibody [EPR5367-76] (ab124716)

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

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