

For Research Use Only

# Biotin-conjugated IgA Monoclonal antibody



Catalog Number: Biotin-60099

## Basic Information

<b>Catalog Number:</b> Biotin-60099	<b>GenBank Accession Number:</b> BC016369	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 3493	<b>CloneNo.:</b> 3A5A5
<b>Source:</b> Mouse	<b>Full Name:</b> immunoglobulin heavy constant alpha 1	<b>Recommended Dilutions:</b> IHC 1:50-1:500
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 496 aa, 53 kDa	
<b>Immunogen Catalog Number:</b> AG7417	<b>Observed MW:</b> 55-60 kDa	

## Applications

<b>Tested Applications:</b> IHC	<b>Positive Controls:</b> IHC : human tonsillitis tissue,
<b>Species Specificity:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

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. This antibody recognizes the Chain C region of human Ig alpha-1 (IGHA1).

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

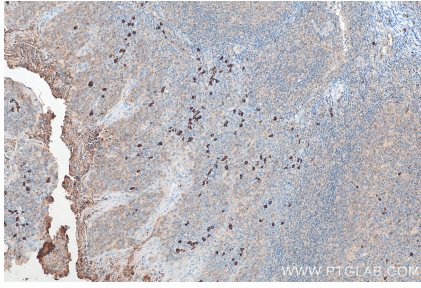
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using Biotin-60099 (Human IgA antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).