

For Research Use Only

# Human IgA Monoclonal antibody, PBS Only

Catalog Number:60099-1-PBS



## Basic Information

<b>Catalog Number:</b> 60099-1-PBS	<b>GenBank Accession Number:</b> BC016369	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3493	<b>CloneNo.:</b> 3A5A5
<b>Source:</b> Mouse	<b>Full Name:</b> immunoglobulin heavy constant alpha 1	
<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

**Tested Applications:**  
WB, IHC, IF-P, Indirect ELISA

**Species Specificity:**  
human

## 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 -80°C.

**Storage Buffer:**  
PBS Only

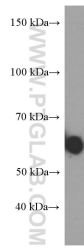
For technical support and original validation data for this product please contact:

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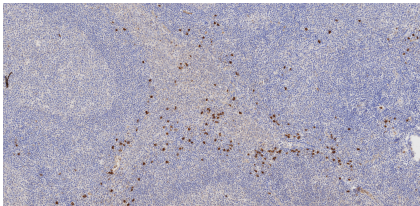
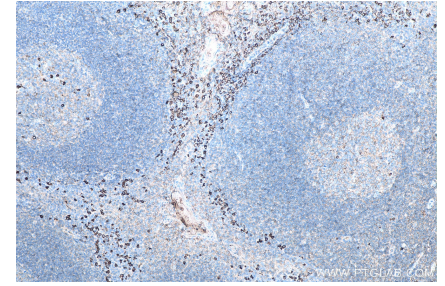
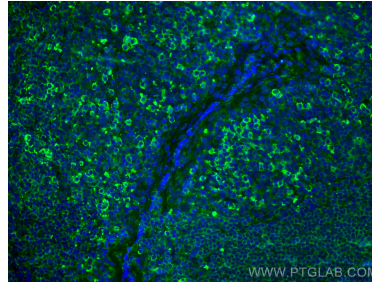
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## Selected Validation Data



human saliva were subjected to SDS PAGE followed by western blot with 60099-1-Ig (Human IgA Antibody) at dilution of 1:16000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60099-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60099-1-Ig (Human IgA antibody) at dilution of 1:50000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60099-1-PBS in a different storage buffer formulation.