

For Research Use Only

Human IgA Monoclonal antibody, PBS Only

Catalog Number: 60099-1-PBS



Basic Information

Catalog Number: 60099-1-PBS	GenBank Accession Number: BC016369	Purification Method: Protein A purification
Concentration: 1mg/ml	GeneID (NCBI): 3493	CloneNo.: 3A5A5
Source: Mouse	Full Name: immunoglobulin heavy constant alpha 1	
Isotype: IgG1	Calculated MW: 496 aa, 53 kDa	
Immunogen Catalog Number: AG7417	Observed MW: 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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

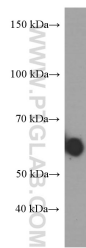
T: 4006900926

E: Proteintech-CN@ptglab.com

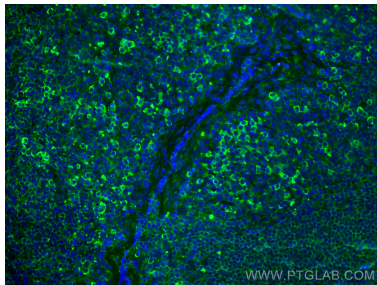
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

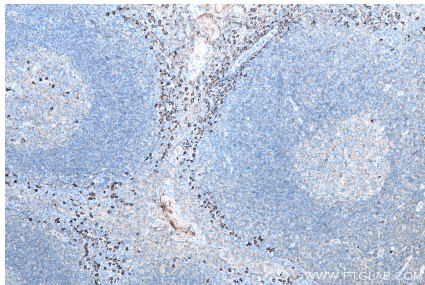
Selected Validation Data



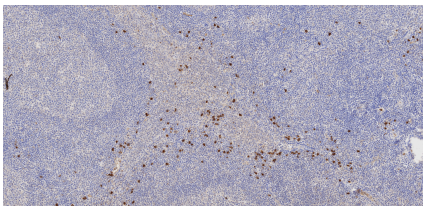
human saliva were subjected to SDS PAGE followed by western blot with 60099-1-Ig (Human IgA Antibody) at dilution of 1:16000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60099-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using Human IgA antibody (60099-1-Ig, Clone: 3A5A5) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). 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 1:320000 (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.



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.