

For Research Use Only

Human IgA1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87606-3-PBS



Basic Information

Catalog Number:

87606-3-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG9190

GenBank Accession Number:

GeneID (NCBI):

3493

Full Name:

immunoglobulin heavy constant
alpha 1

Observed MW:

50-70 kDa

Purification Method:

Protein A purification

CloneNo.:

252592A11

Applications

Tested Applications:

WB, IHC, IF-P, Indirect ELISA

Species Specificity:

human

Background Information

Human IgA1 is one of the two subclasses of Immunoglobulin A (IgA), the most abundantly produced antibody in the human body. While IgA is the predominant antibody class at mucosal surfaces (such as the gut, respiratory, and urogenital tracts), IgA1 is the dominant subclass in the blood (serum), comprising approximately 85-90% of total serum IgA.

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:

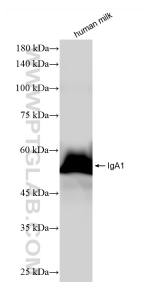
T: 4006900926

E: Proteintech-CN@ptglab.com

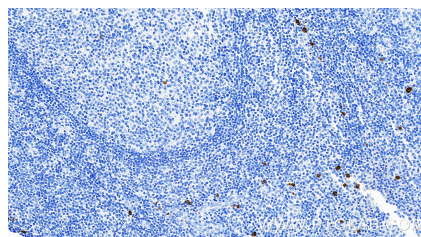
W: ptgcn.com

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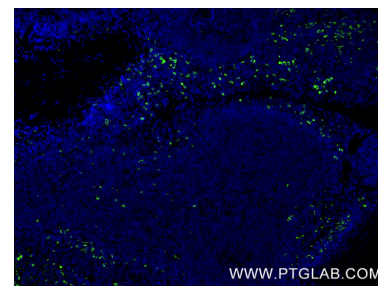
Selected Validation Data



human milk were subjected to SDS PAGE followed by western blot with 87606-3-RR (Human IgA1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87606-3-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 87606-3-RR (Human IgA1 antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 87606-3-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using Human IgA1 antibody (87606-3-RR, Clone: 252592A11) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 87606-3-PBS in a different storage buffer formulation.