

For Research Use Only

Human IgA1 Recombinant monoclonal antibody, PBS Only

Catalog Number:87606-3-PBS



Basic Information

Catalog Number:

87606-3-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

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.

Storage Buffer:

PBS only, pH7.3

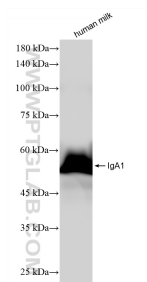
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

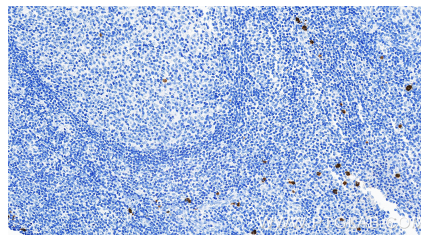
E: proteintech@ptglab.com
W: ptglab.com

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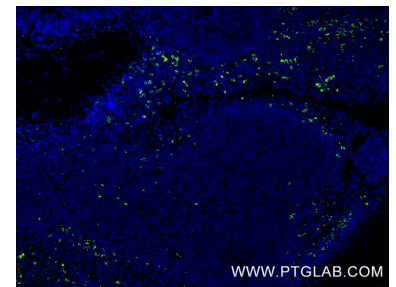
Selected Validation Data



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.