

For Research Use Only

IgA Monoclonal antibody

Catalog Number: 60099-1-Ig **2 Publications**



Basic Information

Catalog Number:

60099-1-Ig

Size:

1900 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7417

GenBank Accession Number:

BC016369

GeneID (NCBI):

3493

Full Name:

immunoglobulin heavy constant alpha 1

Calculated MW:

496 aa, 53 kDa

Observed MW:

55-60 kDa

Purification Method:

Caprylic acid/ammonium sulfate precipitation

CloneNo.:

3A5A5

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:160000-1:640000

IF 1:50-1:500

Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Cited Applications:

IF

Species Specificity:

human

Cited Species:

rat

Positive Controls:

WB: human saliva tissue, human saliva, human plasma

IHC: human tonsillitis tissue,

IF: human tonsillitis tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Zhipeng Li	30670042	J Nanobiotechnology	
Meiying Chang	37972847	Eur J Pharmacol	IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

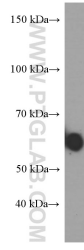
T: 4006900926

E: Proteintech-CN@ptglab.com

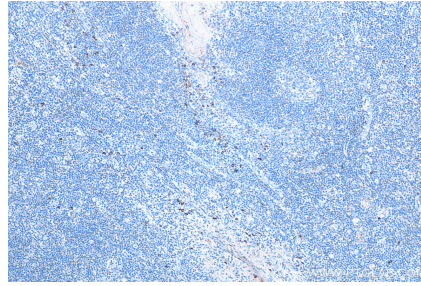
W: ptgcn.com

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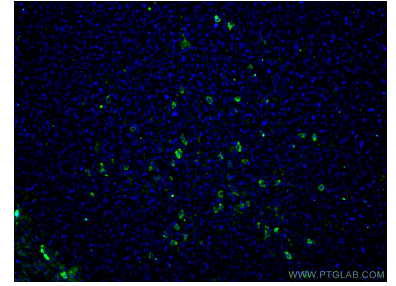
Selected Validation Data



human 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.



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).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 60099-1-Ig (Human IgA antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).