

For Research Use Only

Biotin-conjugated IgA Heavy Chain Polyclonal antibody

Catalog Number: Biotin-11449



Basic Information

Catalog Number: Biotin-11449	GenBank Accession Number: BC016369	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 3493	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	Full Name: immunoglobulin heavy constant alpha 1	
Isotype: IgG	Calculated MW: 496 aa, 53 kDa	
Immunogen Catalog Number: AG2007	Observed MW: 53 kDa	

Applications

Tested Applications: IHC	Positive Controls: IHC : human tonsillitis tissue,
Species Specificity: human	
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).

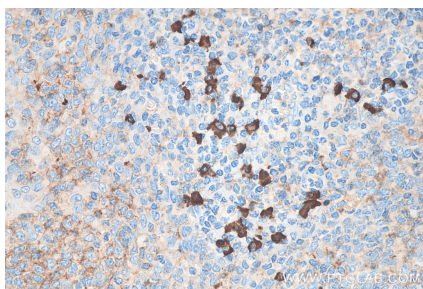
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using Biotin-11449 (Human IgA Heavy Chain antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).