

For Research Use Only

Biotin-conjugated IgG4 Monoclonal antibody



Catalog Number: Biotin-66408

Basic Information

Catalog Number: Biotin-66408	GenBank Accession Number: AL928742	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 3503	CloneNo.: 1A1A2
Source: Mouse	Full Name: immunoglobulin heavy constant gamma 4 (G4m marker)	Recommended Dilutions: IHC 1:1000-1:4000
Isotype: IgG1	Calculated MW: 55 kDa	

Applications

Tested Applications:
IHC

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

Positive Controls:

IHC : human tonsillitis tissue,

Background Information

This antibody detects the heavy chain of human IgG4. The immunogen of this antibody is the specific domain "NKGLPSSIEK" of IGHG4. This antibody is Biotin conjugated.

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:

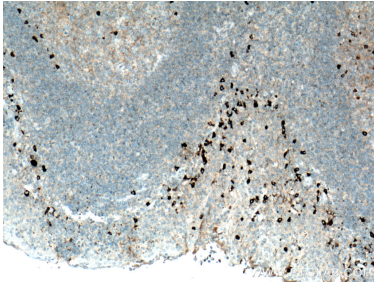
T: 4006900926

E: Proteintech-CN@ptglab.com

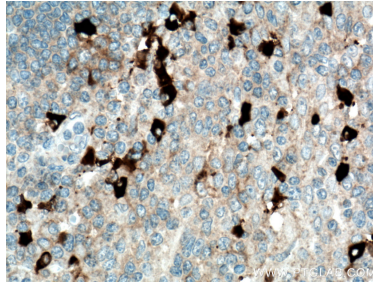
W: ptgcn.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using Biotin-66408 (IGHG4 antibody) at dilution of 1:2000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using Biotin-66408 (IGHG4 antibody) at dilution of 1:2000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).