

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	Positive Controls: IHC : human tonsillitis tissue,
Species Specificity: human	
<b>Note-IHC: suggested antigen retrieval with <i>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</i></b>	

## 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:

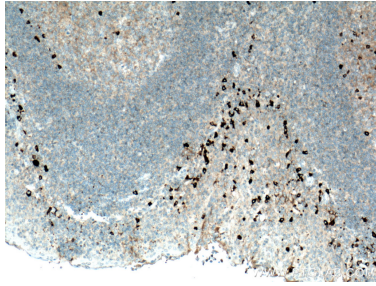
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

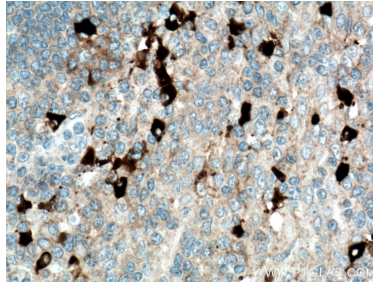
W: [ptgcn.com](http://ptgcn.com)

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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)).