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## 36-2546: Anti-IgG (Immunoglobulin Gamma Heavy Chain) (B-Cell Marker) Polyclonal Antibody

Clonality: Polyclonal Application: IHC Reactivity: Human Gene: **IGHG** 

3500; 3501; 3502; 3503 Gene ID:

**Uniprot ID:** P01857; P01859; P01860; P01861

G1m Marker; G2m Marker; G3m Marker; G4m Marker; HDC; Heavy Chain Disease Protein; **Alternative Name:** Human Immunglobulin G; Ig gamma1/2/3/4 Chain C Region; IGHG1; IGHG2; IGHG3; IGHG4;

Immunoglobulin Heavy Constant 1/2/3/4

Isotype: Rabbit IgG

Immunogen Information: Purified human Ig Gamma Chain

## **Description**

Recognizes a protein of 75kDa, identified as gamma heavy chain of human immunoglobulins. It does not cross-react with alpha (IgA), mu (IgM), epsilon (IgE), or delta (IgD), heavy chains, T-cells, monocytes, granulocytes, or erythrocytes. This antibody is useful in the identification of leukemias, plasmacytomas, and certain non-Hodgkin's lymphomas. The most common feature of these malignancies is the restricted expression of a single heavy chain class. Demonstration of clonality in lymphoid infiltrates indicates that the infiltrate is clonal and therefore malignant.

## **Product Info**

Amount: 20 μg / 100 μg

200 μg/ml of Ab Purified by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Content:

Also available WITHOUT BSA & azide at 1.0mg/ml.

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody Storage condition:

is stable for 24 months. Non-hazardous.

## **Application Note**

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes);

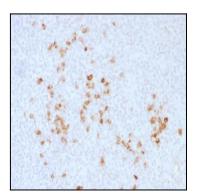


Fig. 1: Formalin-fixed, paraffin-embedded human Tonsil stained with Anti-human IgG Rabbit Polyclonal Antibody.