

# Rabbit Anti-Human IgG Heavy Chain Antibody- sodium azide free

Catalog No: tcna1275saf



## Available Sizes

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**Size:** 100ug



## Specifications

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**Application:**

FACS, IF, IHC-P

**Species Reactivity:**

Human. Other species not known.

**Host Species:**

Rabbit

**Immunogen / Amino acids:**

Human Ig Gamma Chain was used as the immunogen for this IgG antibody.

**Conjugation:**

Unconjugated

**Clonality:**

Polyclonal

**Isotype:**

Rabbit IgG

**Form:**

Liquid

**Storage Buffer:**

1 mg/ml in 1X PBS; BSA free, sodium azide free

**Concentration:**

1 mg/ml

#### **Recommended Dilution:**

Flow Cytometry: 0.5-1ug/million cells in 0.1ml

Immunofluorescence: 0.5-1ug/ml

Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RTThe optimal dilution of the IgG antibody for each application should be determined by the researcher.

#### **Storage Instruction:**

Store the IgG antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

#### **SwissProt:**

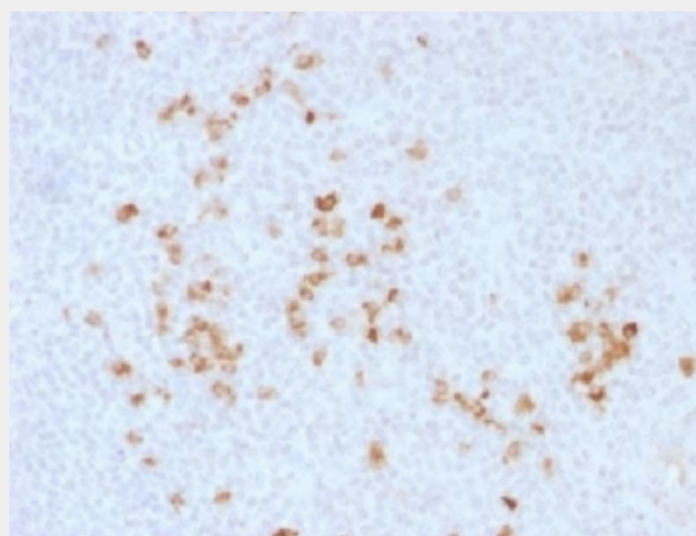
P01857, P01859, P01860, P01861

#### **References**

Protein A affinity chromatography

#### **Product Description**

Recognizes a protein of 75kDa, identified as gamma heavy chain of human immunoglobulins. It reacts with all sub-classes of gamma 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 mAb 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.



IHC testing of human tonsil and IgG antibody. Required HIER: boil tissue sections in 10mM citrate buffer, pH 6, for 10-20 min followed by cooling at RT for 20 min.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!