

Rabbit Anti-Human IgG Heavy Chain Antibody

Catalog No: tcna1275



Available Sizes

Size: 20ug

Size: 100ug



Specifications

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:

0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide

Concentration:

0.2 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:

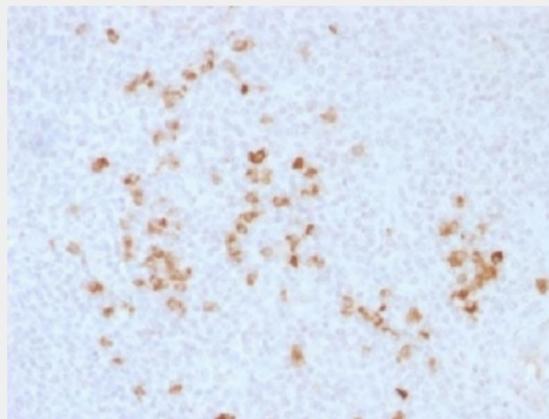
P01857, P01859, P01860, P01861

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!