

Mouse Anti-Human IgG Antibody

Catalog No: tcna168



Available Sizes

Size: 20ug

Size: 100ug



Specifications

Application:

FACS, IF

Species Reactivity:

Human. Other species not known.

Host Species:

Mouse

Immunogen / Amino acids:

Purified human IgG heavy chain was used as the immunogen for this anti-IgG antibody.

Conjugation:

Unconjugated

Clonality:

Monoclonal

Clones:

ICO-97

Isotype:

Mouse IgG1, kappa

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:

FACS: 0.5-1ug/million cells

IF: 0.5-1ug/ml The concentration stated for each application is a general starting point. Variations in protocols secondaries and substrates may require the anti-IgG antibody to be titered up or down for optimal performance.

Storage Instruction:

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

SwissProt:

P01857, P01859, P01860, P01861

Gene ID:

3500 (human);

References

Protein G affinity chromatography

Product Description

This antibody recognizes a protein of 75kDa, identified as the 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. The 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.



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