Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

Mouse Anti-Human IgG Antibody- sodium azide free

Catalog No: tcna536saf

Available Sizes

Size: 100ug

Specifications

Application:
FACS, IF, IHC-P

Species Reactivity:
Human. Other species not tested.

Host Species:
Mouse

Immunogen / Amino acids:
Purified polyclonal human Ig Gamma Chain was used as the immunogen for the Anti-IgG antibody.

Conjugation:
Unconjugated

Clonality:
Monoclonal

Clones:
B33/20

Isotype:
Mouse IgG1, kappa

Form:
Liquid

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

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Concentration:
1 mg/ml

Recommended Dilution:
Flow Cytometry: 0.5-1ug/million cells in 0.1ml
Immunofluorescence: 0.5-1ug/ml
Immunohistochemistry (Formalin/paraffin): 0.5-1ug/ml for 30 min at RT (1)
Prediluted format : incubate for 30 min at RT (2)Optimal dilution of the Anti-IgG antibody should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer
pH 6.0
for 10-20 min followed by cooling at RT for 20 minutes
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required)
drip mAb solution onto the tissue section and incubate at RT for 30 min.

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

References

Protein G affinity chromatography

Product Description

Recognizes a protein of 75kDa, identified as gamma heavy chain of human immunoglobulins. Its epitope maps in CH2 domain of Fc region of IgG. 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-Hodgkins 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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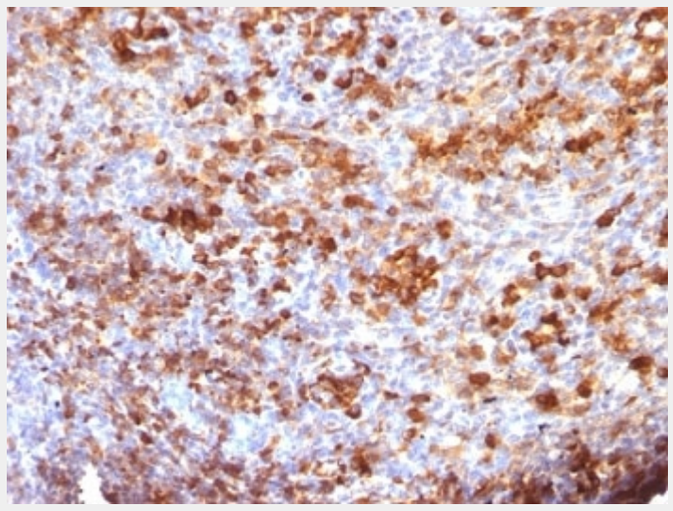

Formalin-fixed, paraffin-embedded human tonsil stained with anti-IgG antibody (B33/20)

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