

Anti-IgG Antibody [clone ICO-97] (V2141)

Catalog No.	Formulation	Size
V2141-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2141-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2141SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

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Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	ICO-97
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
Gene ID	3500
Localization	Cytoplasm, Cell Surface and Secreted
Applications	ELISA (order BSA/sodium Azide-free Format For Coating) : Flow Cytometry : 0.5-1ug/10 ⁶ cells Immunofluorescence : 0.5-1ug/ml
Limitations	This anti-IgG antibody is available for research use only.



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.

Application Notes

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.

Immunogen

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

Storage

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