IgM Heavy Chain Antibody CF488 Conjugate [clone IM373] (V2144CF488)

Catalog No.	Formulation	Size
V2144CF488-100T	500 ul at 0.1 mg/ml with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 Tests

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	CF488 Conjugate
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	IM373
Purity	Protein G affinity chromatography
Localization	Cytoplasm, Cell Surface and Secreted
Applications	Flow cytometry: 5ul/test/10^6 cells in 0.1ml Immunofluorescence: 1-2ug/ml
Limitations	This IgM Heavy Chain Antibody CF488 Conjugate is available for research use only.



Description

IgM Heavy Chain Antibody CF488 Conjugate recognizes a protein of 75kDa, identified as the mu heavy chain of human immunoglobulins. It does not cross-react with alpha (IgA), gamma (IgG), 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.

For detection of total human IgM, see our Human IgM ELISA Antibody RM121 page.

Application Notes

Optimal dilution of the IgM Heavy Chain Antibody CF488 Conjugate should be determined by the researcher.

Immunogen

Recombinant heavy chain of human IgM was used as the immunogen for this IgM Heavy Chain Antibody CF488 Conjugate.

Storage

Store the IgM Heavy Chain Antibody CF488 Conjugate at 2-8oC, protected from light.

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