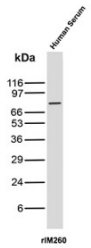
Recombinant IgM Antibody rIM260 / Recombinant Immunoglobulin Mu Antibody [clone rIM260] (V7862)

Catalog No.	Formulation	Size
V7862-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7862-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7862SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

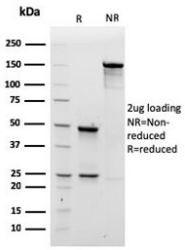
Recombinant MOUSE MONOCLONAL

Bulk quote request

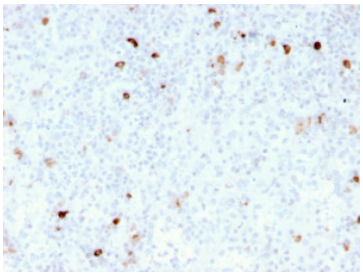
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rIM260
Purity	Protein G affinity chromatography
UniProt	P01871
Localization	Cytoplasmic, cell surface, secreted
Applications	Immunohistochemistry (FFPE): 1-2ug/ml Western blot: 2-4ug/ml
Limitations	This Recombinant IgM Antibody rIM260 / Recombinant Immunoglobulin Mu Antibody is available for research use only.



Recombinant IgM Antibody rIM260 in Human Serum WB. Western blot testing of human serum with Recombinant IgM Antibody clone rIM260 detects a discrete band at approximately 75 kDa, consistent with the immunoglobulin mu heavy chain. Minimal additional reactivity is visible under the tested conditions, producing a clean Western blot signal. This Recombinant Immunoglobulin Mu Antibody recognizes the heavy chain component of human IgM.



SDS-PAGE analysis of purified, BSA-free recombinant IgM antibody (clone rIM260) as confirmation of integrity and purity.



IHC staining of FFPE human tonsil with recombinant IgM antibody (clone rIM260). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.

Description

Recombinant IgM Antibody rIM260 / Recombinant Immunoglobulin Mu Antibody recognizes a protein of 75kDa, identified as 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. 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.

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

Application Notes

Optimal dilution of the Recombinant IgM Antibody rIM260 / Recombinant Immunoglobulin Mu Antibody should be determined by the researcher.

Immunogen

Full length recombinant human IGHM protein was used as the immunogen for the Recombinant IgM Antibody rIM260.

Storage

Store the Recombinant IgM Antibody rIM260 at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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