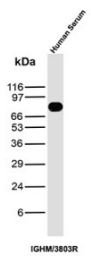
Recombinant IgM Heavy Chain Antibody IGHM/3803R / Recombinant Rabbit Monoclonal [clone IGHM/3803R] (V8052)

Catalog No.	Formulation	Size
V8052-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8052-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8052SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

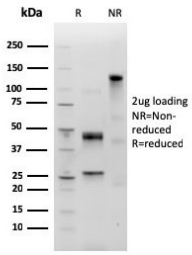
Recombinant RABBIT MONOCLONAL

Bulk quote request

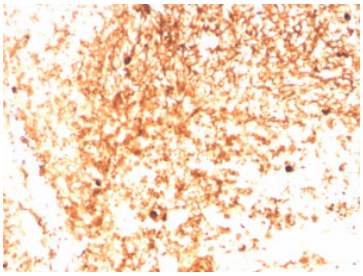
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	IGHM/3803R
Purity	Protein A affinity chromatography
UniProt	P01871
Localization	Cytoplasmic, cell surface, secreted
Applications	Immunohistochemistry (FFPE): 1-2ug/ml Western blot: 2-4ug/ml
Limitations	This Recombinant IgM Heavy Chain Antibody IGHM/3803R is available for research use only.



Recombinant IgM Heavy Chain Antibody IGHM/3803R in Human Serum WB. Western blot testing of human serum with Recombinant IgM Heavy Chain Antibody clone IGHM/3803R detects a strong, discrete band at approximately 75 kDa, consistent with the expected size of the immunoglobulin mu heavy chain. Minimal additional reactivity is visible under the tested conditions, producing a clean Western blot signal. This recombinant rabbit monoclonal recognizes the heavy chain component of human IgM.



SDS-PAGE analysis of purified, BSA-free recombinant IgM antibody (clone IGHM/3803R) as confirmation of integrity and purity.



Recombinant IgM Heavy Chain Antibody IGHM/3803R Tonsil Tissue Immunohistochemistry. IHC staining of FFPE human tonsil with recombinant IgM antibody (clone IGHM/3803R). 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 Heavy Chain Antibody IGHM/3803R 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 Heavy Chain Antibody IGHM/3803R should be determined by the researcher.

Immunogen

Full length recombinant human IGHM protein was used as the immunogen for the Recombinant IgM Heavy Chain Antibody IGHM/3803R.

Storage

Store the Recombinant IgM Heavy Chain Antibody IGHM/3803R at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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