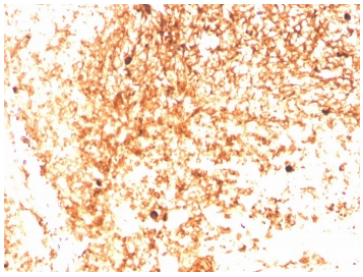
Recombinant IgM Heavy Chain Antibody [clone IGHM/3803R] (V8052)

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

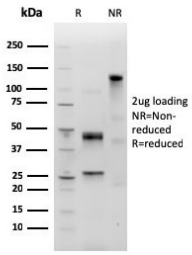
Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
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
Limitations	This recombinant IgM Heavy Chain antibody is available for research use only.



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.



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

Description

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.

Application Notes

Optimal dilution of the recombinant IgM Heavy Chain antibody should be determined by the researcher.

Immunogen

Full length recombinant human IGHM protein was used as the immunogen for the recombinant IgM antibody.

Storage

Store the recombinant IgM Heavy Chain antibody 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