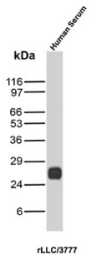
Lambda Light Chain Antibody rLLC/3777 / Recombinant Mouse Monoclonal [clone rLLC/3777] (V7875)

Catalog No.	Formulation	Size
V7875-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7875-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7875SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

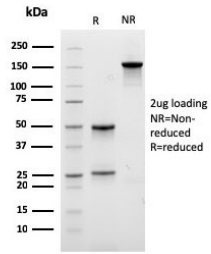
Recombinant MOUSE MONOCLONAL

Bulk quote request

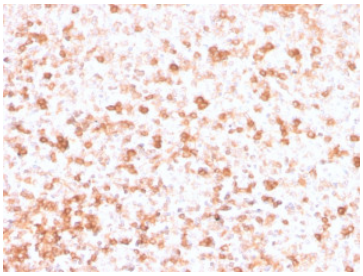
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rLLC/3777
Purity	Protein G affinity chromatography
Applications	Immunohistochemistry (FFPE): 1-2ug/ml Western blot: 2-4ug/ml
Limitations	This Lambda Light Chain Antibody rLLC/3777 is available for research use only.



Lambda Light Chain Antibody rLLC/3777 in Human Serum WB. Western blot testing of human serum with Lambda Light Chain Antibody clone rLLC/3777 detects a strong, discrete band at approximately 25-27 kDa with minimal additional reactivity. The observed molecular weight is consistent with the expected migration of human immunoglobulin lambda light chains. The clean band demonstrates recognition of lambda light chain in human serum by this recombinant mouse monoclonal antibody.



SDS-PAGE analysis of purified, BSA-free recombinant Lambda Light Chain antibody (clone rLLC/3777) as confirmation of integrity and purity.



IHC staining of FFPE human tonsil with recombinant Lambda Light Chain antibody (clone rLLC/3777). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

Lambda Light Chain Antibody rLLC/3777 is specific to lambda light chain of immunoglobulin and shows no cross-reaction with kappa light chain or any of the five heavy chains. In mammals, the two light chains in an antibody are always identical, with only one type of light chain, kappa or lambda. The ratio of Kappa to Lambda is 70:30. However, with the occurrence of multiple myeloma or other B-cell malignancies this ratio is disturbed. Antibody to the lambda light chain is reportedly useful in the identification of leukemias, plasmacytomas, and certain non-Hodgkin's lymphomas. Demonstration of clonality in lymphoid infiltrates indicates that the infiltrate is malignant.

For a recombinant mouse monoclonal targeting the same immunoglobulin light-chain class, see our Lambda Light Chain Antibody rLLC/1738 / IGL Antibody page.

Application Notes

Optimal dilution of the Lambda Light Chain Antibody rLLC/3777 should be determined by the researcher.

Immunogen

Recombinant full-length human IGL protein was used as the immunogen for the Lambda Light Chain Antibody rLLC/3777.

Storage

Store the Lambda Light Chain Antibody rLLC/3777 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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