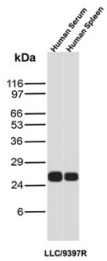
Lambda Light Chain Antibody LLC/9397R / IGL Antibody [clone LLC/9397R] (V5397)

Catalog No.	Formulation	Size
V5397-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5397-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5397SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

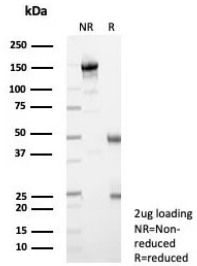
Recombinant RABBIT MONOCLONAL

Bulk quote request

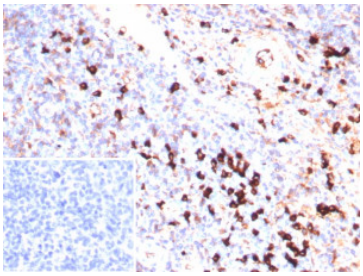
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	LLC/9397R
Purity	Protein A/G affinity
UniProt	P01701, P01842
Localization	Cell Surface, Cytoplasm, Secreted
Applications	Immunohistochemistry (FFPE): 1-2ug/ml Western blot: 2-4ug/ml
Limitations	This Lambda Light Chain Antibody LLC/9397R / IGL Antibody is available for research use only.



Lambda Light Chain Antibody LLC/9397R in Human Serum and Spleen WB. Western blot testing of human serum and spleen tissue lysates with Lambda Light Chain Antibody clone LLC/9397R detects a strong, discrete band at approximately 26-28 kDa in both samples, with minimal additional reactivity. The observed molecular weight is consistent with the expected migration of human immunoglobulin lambda light chain. The comparable signal in serum and spleen demonstrates recognition by the IGL Antibody across soluble and tissue-derived human samples.



SDS-PAGE analysis of purified, BSA-free recombinant Lambda Light Chain antibody (clone LLC/9397R) as confirmation of integrity and purity.



Lambda Light Chain Antibody LLC/9397R Immunohistochemistry. IHC staining of FFPE human tonsil tissue with recombinant Lambda Light Chain antibody (clone LLC/9397R). Inset: PBS used in place of primary Ab (secondary Ab negative control).

Description

Lambda Light Chain Antibody LLC/9397R / IGL Antibody 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 LLC/9397R / IGL Antibody should be determined by the researcher.

Immunogen

A recombinant fragment (within amino acids 1-200) of human Lambda light chain protein was used as the immunogen for the Lambda Light Chain Antibody LLC/9397R.

Storage

Aliquot the Lambda Light Chain Antibody LLC/9397R and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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