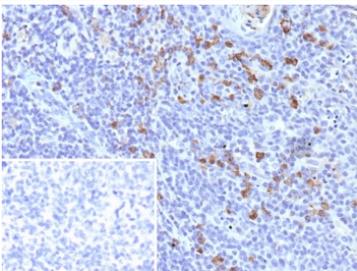


IGLV1-51 Antibody / Lambda Light Chain [clone IGLC1/9475] (V5747)

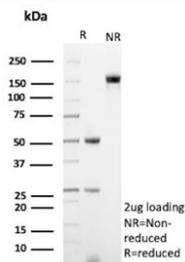
Catalog No.	Formulation	Size
V5747-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5747-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5747SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	IGLC1/9475
Purity	Protein G affinity
UniProt	P01701
Localization	Cell surface, cytoplasmic and secreted
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This IGLV1-51 antibody is available for research use only.



IHC staining of FFPE human tonsil tissue with IGLV1-51 antibody (clone IGLC1/9475). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free IGLV1-51 antibody (clone IGLC1/9475) as confirmation of integrity and purity.

Description

This MAb is specific to lambda light chain of immunoglobulin and shows no cross-reaction with lambda 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.

Application Notes

Optimal dilution of the IGLV1-51 antibody should be determined by the researcher.

Immunogen

Purified human lambda light chain was used as the immunogen for the was used as the immunogen for the IGLV1-51 antibody.

Storage

Aliquot the IGLV1-51 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.