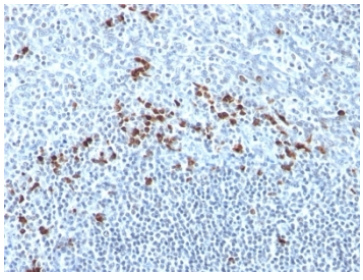
Anti-Kappa Light Chain Antibody Kap-56 / Mouse Monoclonal [clone Kap-56] (V2624)

Catalog No.	Formulation	Size
V2624-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2624-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2624SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2624IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

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	Kap-56
Purity	Protein G affinity chromatography
UniProt	P01601 & P01834
Localization	Cell surface, cytoplasmic and secreted
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This Anti-Kappa Light Chain Antibody Kap-56 is available for research use only.



Anti-Kappa Light Chain Antibody Kap-56 IHC: Formalin-fixed, paraffin-embedded human tonsil stained with anti-Kappa Light Chain antibody (clone Kap-56).

Description

Anti-Kappa Light Chain Antibody Kap-56 is specific to kappa 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 kappa 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 detection of total human kappa light chain, see our Human Kappa Light Chain ELISA Antibody RM126 page.

Application Notes

Optimal dilution of the Anti-Kappa Light Chain Antibody Kap-56 should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Stimulated human lymphocytes were used as the immunogen for the Anti-Kappa Light Chain Antibody Kap-56.

Storage

Store the Anti-Kappa Light Chain Antibody Kap-56 at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Copyright © NSJ Bioreagents. All rights reserved.