

Product Datasheet

Lambda Light Chain Antibody (HP6054) - Azide and BSA Free NBP2-33309

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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Updated 10/23/2024 v.20.1

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NBP2-33309

Lambda Light Chain Antibody (HP6054) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HP6054
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	22.5 kDa

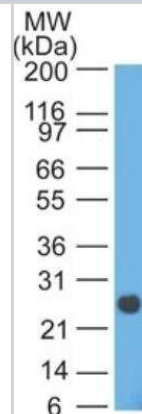
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-22386). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	3537
Gene Symbol	IGLC1
Species	Human
Marker	B-Cell Marker
Specificity/Sensitivity	This monoclonal antibody 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-Hodgkins lymphomas. Demonstration of clonality in lymphoid infiltrates indicates that the infiltrate is malignant.
Immunogen	Purified human Lambda Light Chain myeloma proteins coupled to polyaminostyren microbeads

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 0.5-1.0ug/ml, Flow Cytometry 0.5-1ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 0.5-1ug/ml, Immunohistochemistry-Paraffin 0.5-1ug/ml, CyTOF-ready

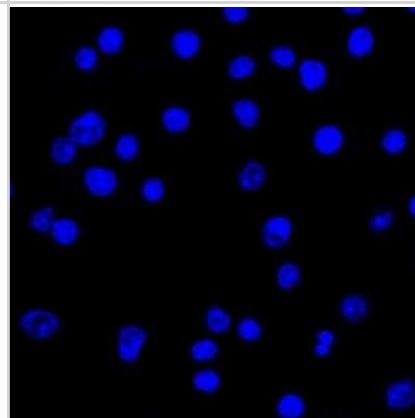


Images

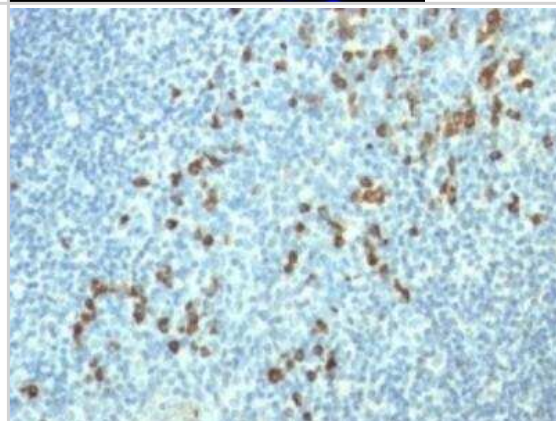
Western Blot: Lambda Light Chain Antibody (HP6054) - Azide and BSA Free [NBP2-33309] - Western Blot analysis of human intestinal lysate using Lambda Light Chain Mouse Monoclonal Antibody (HP6054).



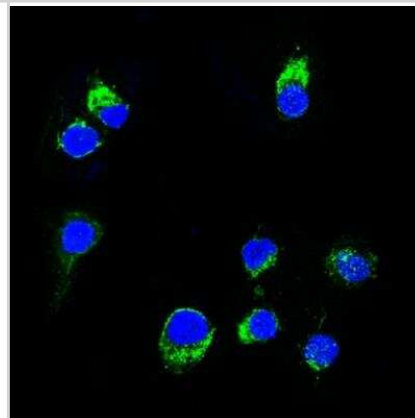
Immunocytochemistry/Immunofluorescence: Lambda Light Chain Antibody (HP6054) - Azide and BSA Free [NBP2-33309] - Confocal Immunofluorescent analysis of Ramos cells using AF488-labeled Isotype Control MAb (IgG2a) (Green). DAPI was used to stain the cell nuclei (blue). (Negative Control)



Immunohistochemistry-Paraffin: Lambda Light Chain Antibody (HP6054) - Azide and BSA Free [NBP2-33309] - Formalin-fixed, paraffin-embedded human Tonsil stained with NBP2-22386.



Immunocytochemistry/Immunofluorescence: Lambda Light Chain Antibody (HP6054) - Azide and BSA Free [NBP2-33309] - Confocal Immunofluorescent analysis of Ramos cells using NBP2-33309AF488 (Green). DAPI was used to stain the cell nuclei (blue).





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Products Related to NBP2-33309

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NB7552	Goat anti-Mouse Lambda Light Chain Secondary Antibody [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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