

Mouse anti-Human Lambda Light Chain Antibody | anti-IGL antibody

Lambda Light Chain (B-Cell Marker)

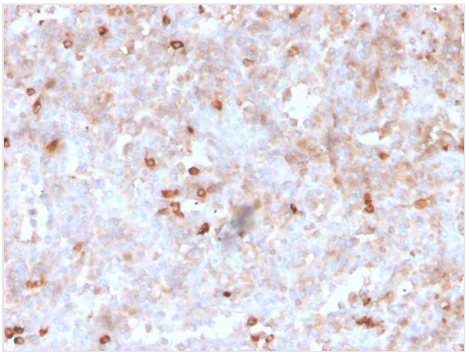
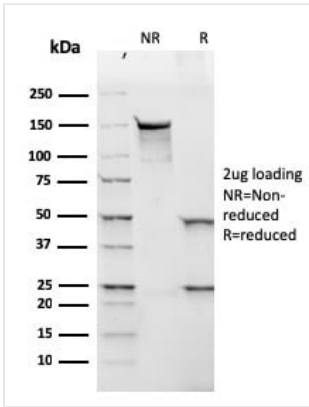
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215034	Mouse	Human	Immunohistochemistry

PRODUCT SYNONYMS

Lambda Light Chain; Lambda Light Chain (B-Cell Marker); Bence Jones Protein; BJP; IGLC 1/2/3; Mcg Marker; Paraprotein; anti-IGL antibody

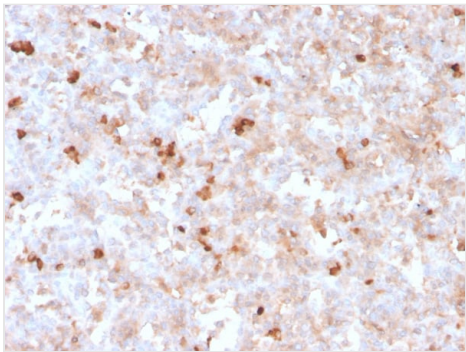
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1, kappa
Clone Number	rLLC/1738
Specificity	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.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	111
Applicable Applications for anti-IGL antibody	IHC (Immunohistochemistry)
Positive Control	Human tonsil or spleen tissue (IHC).
Immunogen	Purified human lambda light chain
Cellular Localization	Cell Surface, Cytoplasmic and Secreted
Hu-chromosome Location	22q11.22
Antibody Type	Recombinant Mouse Monoclonal Antibody
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human tonsil stained with Lambda Light Chain Recombinant Mouse Monoclonal Antibody (rLLC/1738).

SDS-PAGE
SDS-PAGE Analysis Purified Lambda Light Chain Recombinant Mouse Monoclonal Antibody (rLLC/1738). Confirmation of Purity and Integrity of Antibody.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human tonsil stained with Lambda Light Chain Recombinant Mouse Monoclonal Antibody (rLLC/1738).

ADDITIONAL INFORMATION

References	Villaverde et al. Clin Kidney J 5:59-62 (20
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126541
UniProt Accession #	P01701; P01842
Molecular Weight	~22.5kDa
NCBI Official Full Name	Ig lambda chain V-I region NEW
UniProt Protein Name	Ig lambda chain V-I region NEW
UniProt Entry Name	LV103_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.