

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

Lambda Light Chain (B-Cell Marker) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62635	Mouse	Human	Immunohistochemistry, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

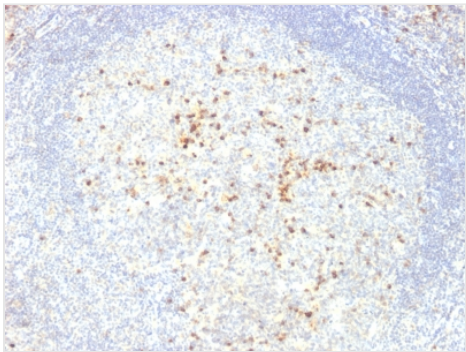
PRODUCT SYNONYMS

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

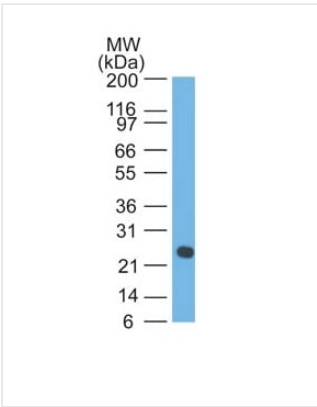
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 and IgG2a, kappa
Clone Number	LcN-2 + ICO-106
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.
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), WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Cellular Localization	Cell Surface, Cytoplasmic and Secreted
Immunogen	Purified human IgG (LcN-2 and ICO-106)
Hu-Chromosome Location	22q11.22
Positive Control	293T, Raji or hPBL cells. Tonsil or Spleen
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.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Tonsil stained with Lambda Light Chain Monoclonal Antibody (LcN-2 + ICO-106).



WB (Western Blot)
Western Blot of human Intestinal Lysate using Lambda Light Chain Ab (LcN-2 + ICO-106).

ADDITIONAL INFORMATION

References	Campbell JP et. al. J Immunol Methods. 2013;391(1-2):1-13. Leung N et. al. Leuk Lymphoma doi:10.3109/10428194.2012.673229 (2012) Villaverde et al. Clin Kidney J 5:59-62 (2012)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126541
NCBI GeneID	3535
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/lambda-light-chain-antibody-clone-lcn-2-ico-106-immunohistochemistry-western-blot-immunofluorescence-flow-cytometry-elisa/62635>