

Mouse anti-Human Lambda light chain Monoclonal Antibody | anti-LV103 antibody

Lambda light chain Antibody

CATALOG # AAA283434	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
-------------------------------	----------------------	----------------------------	--

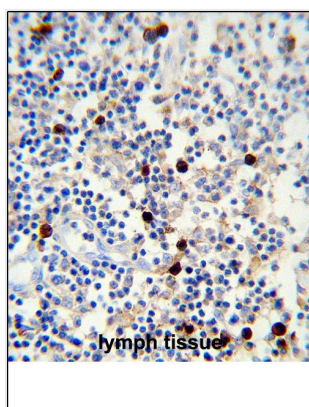
PRODUCT SYNONYMS

Lambda light chain; Monoclonal Antibody; Lambda light chain Antibody; Ig lambda chain V-I region NEW; LV103; anti-LV103 antibody

PRODUCT SPECIFICATIONS

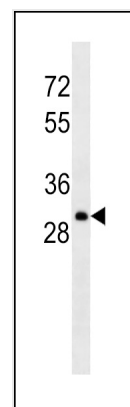
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	HP6054
Specificity	This Lambda light chain monoclonal antibody is generated from mouse immunized with Lambda light chain recombinant protein.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	111
Applicable Applications for anti-LV103 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Lambda light chain Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human lymph tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Lambda light chain Antibody for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Lambda light chain Antibody western blot analysis in Ramos cell line lysates (35ug/lane). This demonstrates the Lambda light chain antibody detected the Lambda light chain protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-LV103 antibody	Immunoglobulins recognize foreign antigens and initiate immune responses such as phagocytosis and the complement system. Each immunoglobulin molecule consists of two identical heavy chains and two identical light chains. There are two types of light chains designated as kappa and lambda (1). Light chain types are based on differences in the amino acid sequence in the constant region of the light chain. If a cell is unsuccessful in rearranging both of its kappa light chain genes, it then attempts to make a lambda light chain. If a cell successfully rearranges a lambda light chain gene, it will be a B cell that makes an immunoglobulin with a lambda light chain (2).
Product Categories/Family for anti-LV103 antibody	Immunology
References	58066: Reimer CB, et al. Evaluation of thirty-one mouse monoclonal antibodies to human IgG epitopes. Hybridoma 3: 263-275, 1984. PubMed: 6209201 58067: Jefferis R, et al. Evaluation of monoclonal antibodies having specificity for human IgG sub-classes: Results of an IUIS/WHO collaborative study. Immunol. Lett. 10: 223-252, 1985. PubMed: 3899923

NCBI AND UNIPROT INFORMATION

NCBI GI #	126541
UniProt Accession #	P01701
Molecular Weight	11453
NCBI Official Full Name	Ig lambda chain V-I region NEW, partial
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/lambda-light-chain-antibody-clone-hp6054-immunohistochemistry-western-blot-elisa/283434>