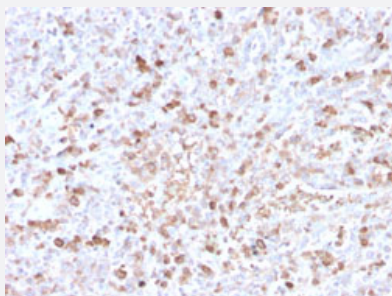


RecomAb™

IGL recombinant monoclonal antibody, clone LLC/3778R

Catalog # RAB00563 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human spleen.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against full length human IGL.
Antibody Species	Rabbit
Immunogen	Recombinant protein corresponding to full-length human IGL.
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.1-0.2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1 mg/mL PBS
Storage Instruction	Store at -20 to -80°C.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human spleen.

Gene Info — IGL@

Entrez GeneID [3535](#)

Protein Accession# [P01701; P01842](#)

Gene Name IGL@

Gene Alias IGL, MGC88804

Gene Description immunoglobulin lambda locus

Gene Ontology [Hyperlink](#)

Gene Summary 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 classes of light chains, kappa and lambda. This region represents the germline organization of the lambda light chain locus. The locus includes V (variable), J (joining), and C (constant) segments. During B cell development, a recombination event at the DNA level joins a single V segment with a J segment; the C segment is later joined by splicing at the RNA level. Recombination of many different V segments with several J segments provides a wide range of antigen recognition. Additional diversity is attained by junctional diversity, resulting from the random additional of nucleotides by terminal deoxynucleotidyltransferase, and by somatic hypermutation, which occurs during B cell maturation in the spleen and lymph nodes. Several V segments and three C segments are known to be incapable of encoding a protein and are considered pseudogenes. The locus also includes several non-immunoglobulin genes, many of which are pseudogenes or are predicted by automated computational analysis or homology to other species. [provided by RefSeq]

Other Designations immunoglobulin lambda gene cluster

Gene Info — IGLV@

Entrez GeneID [3546](#)

Protein Accession# [P01701; P01842](#)

Gene Name IGLV@

Gene Alias IGLV

Gene Description	immunoglobulin lambda variable group
Omim ID	147240
Gene Ontology	Hyperlink
Other Designations	-

Disease

- [Amyloidosis](#)
- [Arthritis](#)
- [Lupus Erythematosus](#)
- [Syndrome](#)