

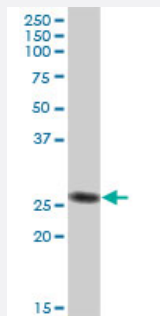
MaxPab®

IGL purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003535-B01P

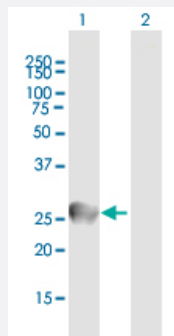
Size 50 ug

Applications



Western Blot (Tissue lysate)

IGL@ MaxPab polyclonal antibody. Western Blot analysis of IGL@ expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of IGL@ expression in transfected 293T cell line by IGL@ MaxPab polyclonal antibody.

Lane 1: IGL@ transfected lysate(25.52 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human IGL@ protein.
Immunogen	IGL (AAH89414.1, 1 a.a. ~ 232 a.a) full-length human protein.
Sequence	MAWTPLLLPLLTFCVSEASYDLTQPPSVSVSPGQTARITCSGDALPRKYAFWYQQKSGQAPVL VIYEDSKRPSGIPERFSGSSSGTMATLTISGAQVEDEGDYYCYSTDISGYPVFGGGTKVTVLGQPK AAPSVTLFPPSSEELQANKATLVCLISDFYPGAVTVAWKADSSPVKAGVETTTPSKQSNNKYAAS SYLSLTPEQWRSHKSYSCQVTHEGSTVEKTVAPTECS
Host	Mouse
Reactivity	Human

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

IGL@ MaxPab polyclonal antibody. Western Blot analysis of IGL@ expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of IGL@ expression in transfected 293T cell line by IGL@ MaxPab polyclonal antibody.

Lane 1: IGL@ transfected lysate(25.52 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — IGL@

Entrez GeneID	3535
GeneBank Accession#	BC089414
Protein Accession#	AAH89414.1
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 addition 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