

# IGLL1 polyclonal antibody

Catalog # PAB14521      Size 500 uL

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against native IGLL1.
<b>Immunogen</b>	Native purified human IGLL1.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Monkey
<b>Form</b>	Liquid
<b>Recommend Usage</b>	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) Immunohistochemistry (Frozen sections) (1:50-1:200) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.4 (1% BSA, 0.05% sodium azide)
<b>Storage Instruction</b>	Store at 4°C.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry
- Immunocytochemistry

## Gene Info — IGLL1

<b>Entrez GeneID</b>	<a href="#">3543</a>
<b>Gene Name</b>	IGLL1

Gene Alias	14.1, CD179b, IGL1, IGL5, IGLJ14.1, IGLL, IGO, IGVPB, VPREB2
Gene Description	immunoglobulin lambda-like polypeptide 1
Omim ID	<a href="#">146770 601495</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The preB cell receptor is found on the surface of proB and preB cells, where it is involved in transduction of signals for cellular proliferation, differentiation from the proB cell to the preB cell stage, allelic exclusion at the Ig heavy chain gene locus, and promotion of Ig light chain gene rearrangements. The preB cell receptor is composed of a membrane-bound Ig mu heavy chain in association with a heterodimeric surrogate light chain. This gene encodes one of the surrogate light chain subunits and is a member of the immunoglobulin gene superfamily. This gene does not undergo rearrangement. Mutations in this gene can result in B cell deficiency and agammaglobulinemia, an autosomal recessive disease in which few or no gamma globulins or antibodies are made. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	CD179b antigen Pre-B lymphocyte-specific protein-2 immunoglobulin omega polypeptide chain immunoglobulin-related 14.1 protein lambda5

## Publication Reference

- [B-cell lymphoma of large multilobated type: an immunohistochemical study of 8 cases and review of the literature.](#)

Korkolopoulou P, Pangalis GA, Patsouris E, Boussiotis VA, Kittas C.  
Leukemia & Lymphoma 1994 Mar; 13(1-2):151.

Application: IHC-P, Human, Human B-cell Lymphoma
- [Plasma cells producing lambda light chains are predominant in human gut and tonsils. An immunohistomorphometric study.](#)

Faure GC, Tang JG, Mole C, Bene MC.  
American Journal of Clinical Pathology 1990 Nov; 94(5):571.

Application: IF, Human, Duodenal mucosa
- [Biochemical characterization of amyloid derived from the variable region of the kappa light chain subgroup III.](#)

Picken MM, Gallo GR, Pruzanski W, Frangione B.  
Arthritis and Rheumatism 1990 Jun; 33(6):880.

Application: IHC, WB-Re, Human, N/A, Isolated fibrils and purified protein, Liver tissues

## Pathway

- [Primary immunodeficiency](#)