

DESCRIPTION

Species Reactivity	Human
Specificity	Detects recombinant human IGLC2 in direct ELISAs and Western blots. Detects endogenous Immunoglobulin lambda constant region in natural samples by Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human IGLC2 Gln2-Ser106 Accession # P0CG05
Conjugate	Alexa Fluor 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Immunoglobulin lambda constant region is a Ke-Oz- component of immunoglobulin (Ig) lambda light chains and is found C-terminal to the joining region of the light chain. IGLC2 is 105 amino acids (aa) in length. It contains one Ig-like domain (aa 7-100) and generates a disulfide bond with an IgH chain via Cys104. One potential variant shows a three aa substitution for aa 7-9. The closest mouse λ ortholog shares 61% aa identity with full-length human IGLC2. IGLC2 shares 93 - 98 % aa identity with IGLC1, IGLC3 and IGLC7.

PRODUCT SPECIFIC NOTICES

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