Recombinant IGL Antibody / Lambda Light Chain [clone IGL/3886R] (V5396)

Catalog No.	Formulation	Size
V5396-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5396-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5396SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	IGL/3886R
Purity	Protein A/G affinity
UniProt	P01701, P01842
Localization	Cell Surface, Cytoplasm, Secreted
Applications	ELISA
Limitations	This recombinant IGL antibody is available for research use only.



Description

This MAb is specific to lambda light chain of immunoglobulin and shows no cross-reaction with kappa light chain or any of the five heavy chains. In mammals, the two light chains in an antibody are always identical, with only one type of light

chain, kappa or lambda. The ratio of Kappa to Lambda is 70:30. However, with the occurrence of multiple myeloma or other B-cell malignancies this ratio is disturbed. Antibody to the lambda light chain is reportedly useful in the identification of leukemias, plasmacytomas, and certain non-Hodgkin's lymphomas. Demonstration of clonality in lymphoid infiltrates indicates that the infiltrate is malignant.

For a recombinant mouse monoclonal targeting the same immunoglobulin light-chain class, see our Lambda Light Chain Antibody rLLC/1738 / IGL Antibody page.

Application Notes

Optimal dilution of the recombinant IGL antibody should be determined by the researcher.

Immunogen

Recombinant full-length human Lambda light chain protein was used as the immunogen for the recombinant IGL antibody.

Storage

Aliquot the recombinant IGL antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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