

DESCRIPTION

Species Reactivity	Human
Specificity	Detects Human Ig Kappa Light Chain in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG _{2B} Clone # 999916
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Human Ig Kappa Light Chain
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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.
ELISA	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

The immunoglobulin light chain is the smaller subunit of an antibody and in humans can be expressed in two types: as a kappa (κ) or a lambda (λ) chain. Antibodies are produced by B-Cells that are clonal and each expresses only one type of light chain. The light chain class remains fixed for the life of the B lymphocyte. The ratio of kappa and lambda light chains can be used to determine disease status by immunohistochemistry or ELISA based assays.

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