

Product datasheet for **AM20244FC-N**

Human Kappa Light Chain (free and bound) Mouse Monoclonal Antibody [Clone ID: NI 285, NI 250]

Product data:

Product Type:	Primary Antibodies
Clone Name:	NI 285, NI 250
Applications:	ELISA, IF, IHC, IP, WB
Recommended Dilution:	To identify the light chain type of immunoglobulins or free light chains in Human serum, other body fluids, cell and tissue substrates and to determine its concentration in techniques as immunofluorescence staining and ELISA and immunoblotting using an indirect technique with monoclonal anti FITC labelled with peroxidase. <u>General Recommended Dilutions:</u> Histochemical Use: 1/20-1/200 ELISA: from 1/500 upwards Western blot: from 1/1000 upwards.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Highly purified Bence Jones kappa proteins isolated from pooled Human urine
Specificity:	The antibody does not react with any other component of the human immunoglobulin system or any other human plasma protein as tested. This antiserum has not been tested for cross-reactivity with other species. The reactivity of this preparation of two monoclonal antibodies is restricted to a surface determinant on the kappa light chain. It is reacting with polyclonal and monoclonal immunoglobulins of the kappa type, as well as free kappa light chains as tested in direct binding Enzyme Immunoassay, Immunoblotting, Immunoprecipitation and Direct Immunoperoxidase staining.



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Formulation:	PBS, pH 7.2 without preservatives and foreign proteins Label: FITC State: Lyophilized purified IgG fraction Label: Fluorescein Isothiocyanate Conjugation Procedure: A proprietary technique for the binding to is used, followed by several purification steps to remove free reactants and protein aggregates. After each step activity and specificity are tested in a variety of techniques. The conjugate is lyophilized to assure stability and long shelf life Absorption emission: 492 nm / 515 nm Molar ratio: Fluorochrome/IgG: ~1.0
Reconstitution Method:	Restore by adding 0.5 ml sterile distilled water.
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	FITC
Storage:	Store the antibody lyophilized at 2-8°C for one month or (in aliquots) at -20°C for longer. Diluted ascites should be stored at 2-8°C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. Avoid repeated thawing and freezing.
Stability:	Shelf life: one year from despatch.