

Product datasheet for **AM20244HR-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 indirect techniques as ELISA, Indirect Immunoperoxidase staining and immunoblotting. <i>General Recommended Dilutions:</i> Histochemical Use: 1/50-1/200. ELISA: from 1/200 upwards. Western blot: from 1/400 upwards.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Highly purified Bence Jones kappa proteins isolated from pooled Human urine
Specificity:	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. Cross-reactivity: 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.
Formulation:	PBS, pH 7.2 without preservatives and foreign proteins Label: HRP State: Lyophilized purified IgG fraction Label: Horseradish Peroxidase Enzyme marker: Horseradish Peroxidase enriched for isoenzyme C (RZ=3.2) Molar ratio: Peroxidase/IgG: ~1.7



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Reconstitution Method: Restore by adding 0.5 ml sterile distilled water.

Concentration: lot specific

Purification: Immunoaffinity Chromatography

Conjugation: HRP

Storage: Store lyophilized at 2-8°C for 6 months or at -20°C long term.
After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.
Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

Note: **Conjugation procedure:** Conjugation is carried out using a proprietary modification of the periodate method, followed by several purification steps. After each step activity and specificity are tested in a variety of techniques. No foreign protein has been added. The conjugate is lyophilized to assure stability and long shelf life.