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Product Datasheet

Sheep anti Human Ig kappa light chains (free and bound), Clone: [Polyclonal], Monoclonal NMB-SHAM/BJK(SD+HD)

Artikelname	Sheep anti Human Ig kappa light chains (free and bound), Clone: [Polyclonal], Monoclonal
Artikelnummer	NMB-SHAM/BJK(SD+HD)
Hersteller Artikelnummer	ShAM/BJK(SD+HD)
Alternativnummer	NMB-SHAM/BJK(SD+HD)
Hersteller	NordicMubio
Wirt	Sheep
Kategorie	Antikörper
Produktbeschreibung	The reactivity of the antiserum is directed to the surface and hidden determinants of Ig kappa light chain. In immunoelectrophoresis this antiserum is reacting with polyclonal and monoclonal immunoglobulins of the kappa type, Bence Jones proteins as ...
Klonalität	Monoclonal
Klon-Bezeichnung	[Polyclonal]
Puffer	Delipidated, heat inactivated lyophilized whole serum. No preservative added, as it may interfere with the antibody activity. It is reconstituted by adding 1 ml sterile distilled water, spun down to remove insoluble particles.
Quelle	A pool of purified Bence Jones kappa proteins isolated from mouse urine. Freund's complete adjuvant is used in the first step of the immunization procedure.

Formel	Delipidated, heat inactivated lyophilized whole serum. No preservative added, as it may interfere with the antibody activity.
Anwendungsbeschreibung	Precipitation assays. In immunoelectrophoresis use 2 µl serum or equivalent against 120 µl antiserum. In double radial immunodiffusion (Ouchterlony) use a rosette arrangement with 10 µl antiserum in 3 mm diameter center well and 2 µl serum samples (neat and serially diluted in 2 mm diameter peripheral wells. When carrying out analyses of Bence Jones proteins or free light chains in urine or serum using an immunodiffusion technique, special attention should be given to their faster rate of diffusion as compared to that of the antibody molecules in the antiserum. If they both start to diffuse into the gel in a double radial diffusion at the same time, an excess of the antigen may easily prevent visible precipitation. To prevent false negative results, the antiserum should be diffuse for about 2 hours before the antigen reservoir is filled.