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## Product Datasheet

### Goat anti Human Ig lambda light chain (free), Clone: [Polyclonal], Monoclonal NMB-GAHU/BJL(HD)

Article Name	Goat anti Human Ig lambda light chain (free), Clone: [Polyclonal], Monoclonal
Biozol Catalog Number	NMB-GAHU/BJL(HD)
Supplier Catalog Number	GAHu/BJL(HD)
Alternative Catalog Number	NMB-GAHU/BJL(HD)
Manufacturer	NordicMubio
Host	Goat
Category	Antikörper
Application	IEP, IP
Species Reactivity	Human
Product Description	The reactivity of the antiserum is directed to the hidden determinants of Ig lambda light chain. In immunoelectrophoresis this antiserum is only reacting with Bence Jones proteins as well as free light chains of the lambda type. No reaction is obtain...
Clonality	Monoclonal
Clone Designation	[Polyclonal]
Buffer	Delipidated, heat inactivated and lyophilized stable whole antiserum. No preservative or foreign protein added. Total protein and IgG concentrations in the antiserum are comparable to those in pooled goat serum. Reconstitute the lyophilized antiserum by a

Source	A pool of purified Bence Jones lambda proteins isolated from human urine. Freunds complete adjuvant is used in the first step of the immunization procedure.
Application Notes	Precipitation assays. In immunoelectrophoresis use 1.2 $\mu$ l of sample in a well with a diameter of 1 mm against 60 $\mu$ l antiserum in a 20 mm long channel. Electrophoresis for 1 hour, 20 mA. The detection limit of this technique in serum is about 25 mg/l, in the case 100 times concentrated urine is used the detection limit can be brought down to 0.5 mg/l. The fact that in about 40% of the case the Bence Jones protein was only detectable in either serum or urine emphasizes the necessity to investigate both fluids.