



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet Mouse Anti Free Kappa Light Chains

Catalog No.
MD-14-0861

Isotype
IgG₁

Description

Monoclonal Antibody to Human Free Kappa Light Chains

Preparation

Immunogen: Mixture of light chains of human immunoglobulin

Purification: >90% pure (SDS-PAGE). Protein A chromatography

Host Animal: Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from Balb/c mice.

Formulation

Format: Purified, Liquid

Buffer: PBS, pH 7.4

Preservatives: 0.1% Sodium azide

Approx. Protein Concentration: 3mg/ml (OD_{280nm}, E^{0.1%} = 1.4), Titer: 1:200,000 (indirect ELISA)

Specificity

Specific for independent constantly expressed epitope of kappa chain. Reacts with free monomer and dimer of kappa light chains but not with intact kappa bearing immunoglobulins.

Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	.			
Western Blot	.			
Immunoaffinity Purification	.			

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Storage

Store at 2-8°C. Avoid multiple freeze-thaw cycles.

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