



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti Human CD130

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-00313

Target Species
Human

Isotype
IgG1

Preparation

Preparation: Purified IgG prepared by ion exchange chromatography

Fusion Partners: Spleen cells from immunised BALB/c (Iffa Credo) mice were fused with cells of the X63.Ag8.653 mouse myeloma cell line.

Immunogen: Natural soluble gp130 receptor

Specificity

This antibody specifically recognizes soluble and membrane bound gp130 receptor.

This antibody has been reported to block the activity of IL-6.

Flow Cytometry: Use 10ul of the suggested working dilution to label 10^6 cells in 100ul.

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG - liquid

Buffer Solution: Phosphate buffered saline

Preservative & Stabilizers: 0.09% Sodium Azide

Approx. Protein Concentrations: IgG concentration 1.0 mg/ml

Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 18 months from date of dispatch

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



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Applications

Table Summary of antibody applications and working conditions

Options / Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	•			
Western Blotting			•	
Immunohistology - frozen			•	
Immunohistology - paraffin			•	
Immunohistology - resin			•	
Immunoprecipitation			•	
Immunofluorescence staining			•	
Flow Cytometry	•			0.2ug/10 ⁶ cells

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

Secondary Antibody Applications

Options / Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5000-1:10000

Reference

1. Wijdenes, J. *et al.* (1995) Interleukin-6 signal transducer gp130 has specific binding sites for different cytokines as determined by antagonistic and agonistic anti-gp130 monoclonal antibodies Eur.J. Immunol. 25: 3474-3481.

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