



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

MOUSE ANTI HUMAN GLUCOCORTICOID RECEPTOR:FITC

| Catalog No. | Species | Isotype |
|-------------|---------|---------|
| DS-MB-01374 | Human | IgG1 |

Description

Mouse Anti Human Glucocorticoid Receptor:FITC

Immunogen:

26 amino acid peptide corresponding to residues 150-176 on human GCR linked to Thyroglobulin.

Specificity:

DS-MB-01374 recognizes the human glucocorticoid receptor, located in the cytoplasm of cells and associated with certain heat shock proteins.

Product Type:

Monoclonal Antibody

Product Form:

Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) – liquid

Preparation:

Purified IgG prepared by ion exchange chromatography from tissue culture supernatant

Buffer Solution:

Phosphate buffered saline pH7.4

Preservatives & Stabilizers:

0.09% Sodium Azide, 1% Bovine Serum Albumin

Approx. Protein Concentrations:

IgG concentration 0.1 mg/ml

Storage:

Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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



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Flow Cytometry:

Use 10ul of the suggested working dilution to label 10^6 cells.
Membrane permeabilization is required for this application.

Applications

Table Summary of antibody applications and working conditions

| Options / Functions | YES | NO | Not determined | Recommended Work dilution or concentration |
|----------------------------|-----|----|----------------|--|
| ELISA (Direct) | | | . | |
| Western Blotting | | | . | |
| Immunohistology - frozen | | | . | |
| Immunohistology - paraffin | | | . | |
| Immunohistology - resin | | | . | |
| Immunoprecipitation | | | . | |
| Radio Immunoassays | | | . | |
| Immunofluorence staining | | | . | |
| Flow Cytometry | . | | | Neat - 1/10 |

Note (1) 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 |

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