



## Datasheet: MCA2469F

<b>Description:</b>	MOUSE ANTI HUMAN GLUCOCORTICOID RECEPTOR:FITC
<b>Specificity:</b>	GLUCOCORTICOID RECEPTOR
<b>Format:</b>	FITC
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	5E4
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	0.1 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry(1)	■			Neat - 1/10

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

(1) **Membrane permeabilisation is required for this application. Gentaur recommends the use of Leucoperm™ (Product Code [BUF09](#)) for this purpose.**

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
<b>Preparation</b>	Purified IgG prepared by ion exchange chromatography from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.09% Sodium Azide
<b>Stabilisers</b>	1% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 0.1 mg/ml
<b>Immunogen</b>	26 amino acid peptide corresponding to residues 150-176 on human GCR linked to thyroglobulin.
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P04150</a> GCR_HUMAN <a href="#">Related reagents</a>  <b>Entrez Gene:</b> <a href="#">2908</a> NR3C1 <a href="#">Related reagents</a>
<b>Synonyms</b>	GRL
<b>Fusion Partners</b>	Spleen cells from immunised Balb/c mice were fused with cells of the mouse Sp-2/0 Ag14 myeloma cell line.
<b>Specificity</b>	MCA2469F recognises the human glucocorticoid receptor, located in the cytoplasm of cells and associated with certain heat shock proteins.

<b>Flow Cytometry</b>	Use 10ul of the suggested working dilution to label $1 \times 10^6$ cells in 100ul.
<b>References</b>	<ol style="list-style-type: none"><li>1. Berki, T. <i>et al.</i> (1998) Production and flow cytometric application of a monoclonal anti-glucocorticoid receptor antibody. <a href="#">J. Immunol. Methods 214: 19-27.</a></li><li>2. Kim, S.Y. <i>et al.</i> (2010) Effect of p16 on glucocorticoid response in a B-cell lymphoblast cell line <a href="#">Korean J Pediatr 53: 753-8</a></li></ol>
<b>Storage</b>	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.
<b>Shelf Life</b>	18 months from date of despatch.
<b>Health And Safety</b>	Material Safety Datasheet Documentation #10041
<b>Regulatory</b>	For research purposes only

## Other formats and applications

This reagent is also available in a [Purified](#) format

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