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Product datasheet for AM01131FC-N

Glucocorticoid Receptor (NR3C1) Mouse Monoclonal Antibody [Clone ID: 5E4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	5E4
Applications:	FC
Recommended Dilution:	**Flow Cytometry:** Use 10 µl of neat-1/10 diluted antibody to label 10^6 cells. Membrane permeabilisation is required for this application.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	26 amino acid peptide corresponding to residues 150-176 on Human GCR linked to thyroglobulin
Specificity:	This antibody recognises a glucocorticoid receptor, located in the cytoplasm of cells and associated with certain heat shock proteins.
Formulation:	PBS, pH 7.4, containing Label: FITC State: Liquid purified IgG fraction Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Ion Exchange Chromatography
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	nuclear receptor subfamily 3 group C member 1
Database Link:	Entrez Gene 2908 Human P04150

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Background: Steroid receptors are ligand-dependent, intracellular proteins that stimulate transcription of specific genes by binding to specific DNA sequences following activation by the appropriate hormone. Glucocorticoids are a family of steroids necessary for the regulation of energy metabolism and the immune and inflammatory responses. These compounds exert their effect through their interaction with the glucocoticoid receptor (GR) and that complex's subsequent association with DNA. All normal mammalian tissues examined to date have been shown to contain glucocorticoid receptor.

Synonyms: NR3C1, GR, GRL