Human CRHR1
Alexa Fluor® 350-conjugated Antibody

Monoclonal Mouse IgG_{2A} Clone # 343919

Catalog Number: FAB3930U

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CRHR-1 transfectants but not irrelevant transfectants.
Source	Monoclonal Mouse IgG_{2A} Clone # 343919
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human CRHR-1 Ser24-Val415 Accession # NP_004373
Conjugate	Alexa Fluor 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10^6 cells	Human CRHR-1 transfected Ba/F3 cells

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	**Protect from light. Do not freeze.** ● 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

Corticotrophin-Releasing Hormone Receptor 1 (CRHR-1), also known as CRFR-1, is a 7TM protein that belongs to the G protein-coupled receptor family 2. CRHR-1 is expressed in the brain and adrenal gland where it mediates corticotropin-induced effects on anxiety, depression, and stress-associated pathologies. The immunogen for this antibody corresponds to one of the four alternately spliced forms and has a 29 amino acid deletion in the first cytoplasmic domain. Human CRHR-1 shares 97% amino acid sequence identity with mouse and rat CRHR-1.

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