

Human α -1 Adrenergic R/ADRA1A Alexa Fluor® 488-conjugated Antibody

Monoclonal Mouse IgG₁ Clone # 518508

Catalog Number: FAB10298G

100 μ g

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human α -1 Adrenergic R/ADRA1A in direct ELISAs.
Source	Monoclonal Mouse IgG ₁ Clone # 518508
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	HEK293 human embryonic kidney cell line transfected with human α -1 Adrenergic R/ADRA1A Accession # P35348
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. *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 μ g/10 ⁶ cells	HEK293 Human Cell Line Transfected with Human α -1 Adrenergic R/ADRA1A and eGFP

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. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

ADRA1A (formerly known as alpha 1-C adrenergic receptor) is an alpha-adrenergic receptor which is mediated by G(q) and G(11) proteins. Alpha-1 Adrenoreceptors play an important role in mediating human prostatic smooth muscle contraction. Antagonists of ADRA1A include tamsulosin and silodosin which treat benign prostatic hyperplasia.

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