Datasheet for ABIN7159221

anti-MRAP antibody (AA 59-172)

1 Image

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Overview

Quantity:	100 µg
Target:	MRAP
Binding Specificity:	AA 59-172
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MRAP antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Melanocortin-2 receptor accessory protein (59-172AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MRAP
Alternative Name:	MRAP (MRAP Products)
Background:	Background: Modulator of melanocortin receptors (MC1R, MC2R, MC3R, MC4R and MC5R). Acts by increasing ligand-sensitivity of melanocortin receptors and enhancing generation of

Target Details

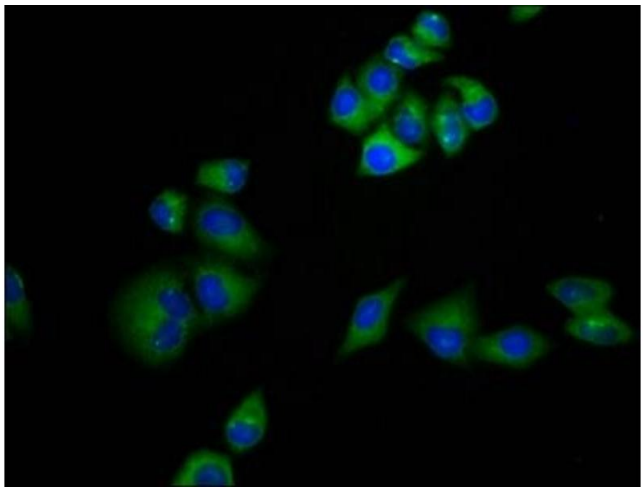
	cAMP by the receptors. Required both for MC2R trafficking to the cell surface of adrenal cells and for signaling in response to corticotropin (ACTH). May be involved in the intracellular trafficking pathways in adipocyte cells. Aliases: B27 antibody, C21orf61 antibody, FALP antibody, Fat cell-specific low molecular weight protein antibody, Fat tissue-specific low MW protein antibody, FGD2 antibody, GCCD2 antibody, Melanocortin-2 receptor accessory protein antibody, Mrap antibody, MRAP_HUMAN antibody
UniProt:	Q8TCY5
Pathways:	Brown Fat Cell Differentiation

Application Details

Application Notes:	Recommended dilution: IF:1:50-1:200,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of Hela cells with ABIN7159221 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).