antibodies - online.com







anti-MC1 Receptor antibody (AA 1-37)





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Quantity:	100 μg	
Target:	MC1 Receptor (MC1R)	
Binding Specificity:	AA 1-37	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This MC1 Receptor antibody is un-conjugated	
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)	

Product Details

Immunogen:	Recombinant Human Melanocyte-stimulating hormone receptor protein (1-37AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MC1 Receptor (MC1R)	
Alternative Name:	MC1R (MC1R Products)	
Background:	Background: Receptor for MSH (alpha, beta and gamma) and ACTH. The activity of this receptor is mediated by G proteins which activate adenylate cyclase.	

Target Details

Aliases: CMM5 antibody, MC1 Receptor antibody, MC1-R antibody, MC1R antibody, MC1R antibody, Melanocortin 1 receptor (alpha melanocyte stimulating hormone receptor) antibody, Melanocortin receptor 1 antibody, Melanocyte-stimulating hormone receptor antibody, Melanotropin receptor antibody, MSH-R antibody, MSHR_HUMAN antibody, SHEP2 antibody

Q01726

UniProt:

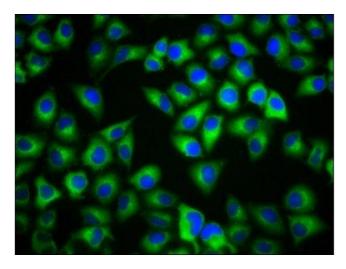
Pathways: cAMP Metabolic Process, Feeding Behaviour

Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IF:1:50-1:200,
Restrictions:	For Research Use only

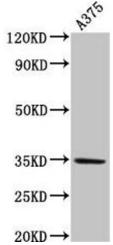
Handling

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.



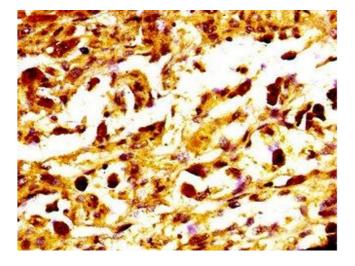
Immunofluorescence

Image 1. Immunofluorescence staining of Hela cells with ABIN7159233 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).



Western Blotting

Image 2. Western Blot Positive WB detected in: A375 whole cell lysate All lanes: MC1R antibody at $4 \mu g/mL$ Secondary Goat polyclonal to rabbit lgG at 1/50000 dilution Predicted band size: 35 kDa Observed band size: 35 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7159233 diluted at 1:400 and staining in paraffin-embedded human melanoma performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Please check the product details page for more images. Overall 4 images are available for ABIN7159233.