

Datasheet for ABIN7159217
anti-MC5 Receptor antibody (AA 1-37)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	MC5 Receptor (MC5R)
Binding Specificity:	AA 1-37
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MC5 Receptor antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Melanocortin receptor 5 protein (1-37AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MC5 Receptor (MC5R)
Alternative Name:	MC5R (MC5R 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. This receptor is a possible

Target Details

mediator of the immunomodulation properties of melanocortins.

Aliases: MC-2 antibody, MC2 antibody, MC5 R antibody, MC5 Receptor antibody, MC5-R antibody, MC5R antibody, MC5R_HUMAN antibody, Melanocortin 5 receptor antibody, Melanocortin receptor 5 antibody

UniProt: [P33032](#)

Pathways: [cAMP Metabolic Process](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, 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

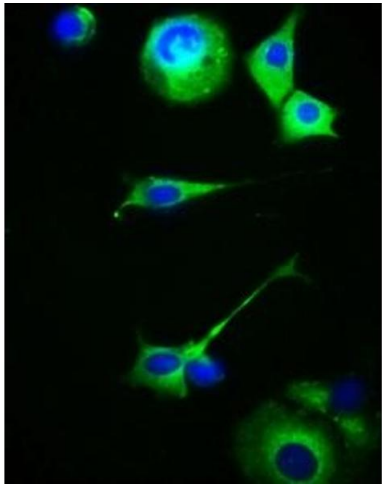
Preservative: ProClin

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

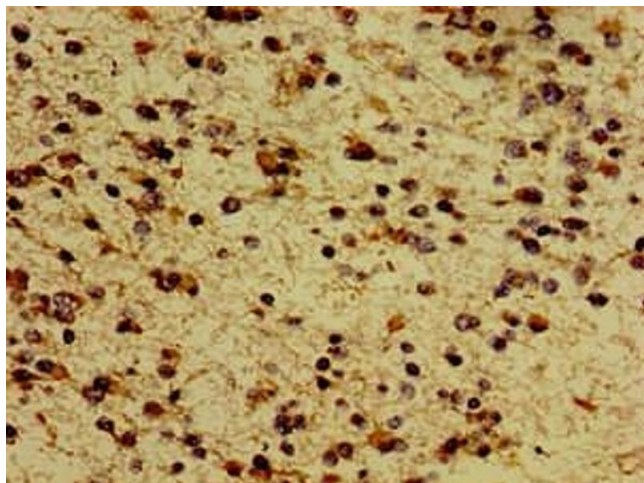
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



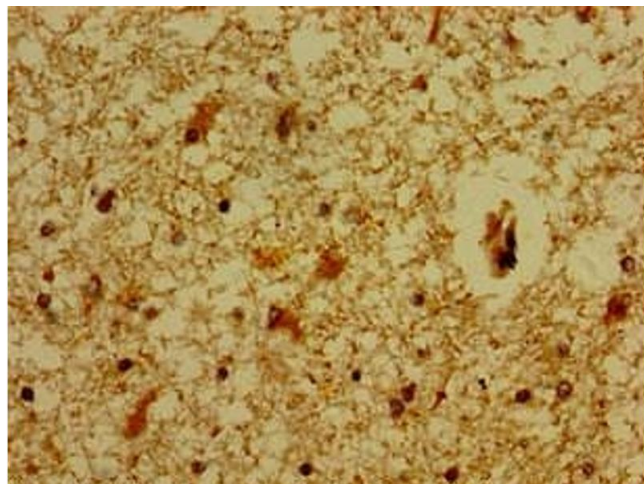
Immunofluorescence

Image 1. Immunofluorescence staining of MCF-7 cells with ABIN7159217 at 1:100, 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-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human glioma using ABIN7159217 at dilution of 1:100



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7159217 at dilution of 1:100