

GPR83 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4417
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human GPR83 (AA: extra mix) expressed in E. Coli.
Mol wt	48.3kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	WB,IHC,ICC,FCM
Concentration	N/A
Full name	N/A
Synonyms	GIR;GPR72

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

GPR83 (G Protein-Coupled Receptor 83) is a Protein Coding gene. Diseases associated with GPR83 include Tick Infestation and Branchiootic Syndrome. Among its related pathways are Signaling by GPCR and GPCRs, Other. Gene Ontology (GO) annotations related to this gene include G protein-coupled receptor activity and neuropeptide Y receptor activity. An important paralog of this gene is PRLHR.

Recommended Dilution

WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

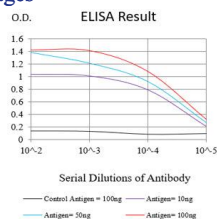
ICC: 1:200 - 1:1000

FCM: 1:200 - 1:400

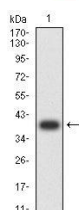
ELISA: 1:10000

Not yet tested in other applications.

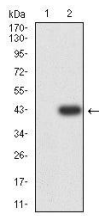
Images



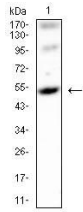
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



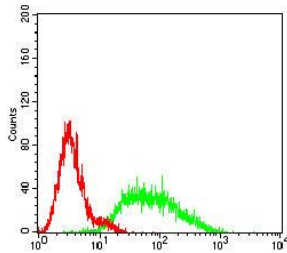
Western blot analysis using GPR83 mAb against human GPR83 (AA:extra mix) recombinant protein. (Expected MW is 39 kDa)



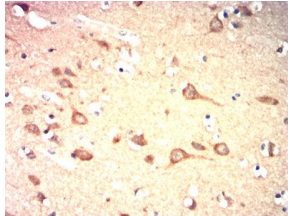
Western blot analysis using GPR83 mAb against HEK293 (1) and GPR83 (AA:extra mix)-hIgGfc transfected HEK293-6e (2) cell lysate.



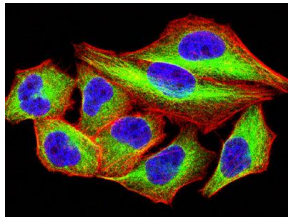
Western blot analysis using GPR83 mouse mAb against Mouse brain(1) cell lysate.



Flow cytometric analysis of HT-29 cells using GPR83 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded brain tissues using GPR83 mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using GPR83 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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