

Product Name: GPR83 Mouse Monoclonal Antibody
Catalog #: AMM82791



Summary

| | |
|------------------------|---------------------------------|
| Production Name | GPR83 Mouse Monoclonal Antibody |
| Description | Mouse Monoclonal Antibody |
| Host | Mouse |
| Application | WB,IHC,ICC,FC,ELISA |
| Reactivity | Human, Mouse |

Performance

| | |
|---------------------|--|
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | Mouse IgG1 |
| Clonality | Monoclonal |
| Form | Liquid |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Buffer | Purified antibody in PBS with 0.05% sodium azide |
| Purification | Affinity Purification |

Immunogen

| | |
|--------------------------|---|
| Gene Name | GPR83 |
| Alternative Names | GIR; GPR72 |
| Gene ID | 10888.0 |
| SwissProt ID | Q9NYM4.Purified recombinant fragment of human GPR83 (AA: extra mix) expressed in E. Coli. |

Application

| | |
|-------------------------|--|
| Dilution Ratio | WB:1:500-1:2000,IHC:1:200-1:1000,ICC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000 |
| Molecular Weight | 48.3kDa |

Background

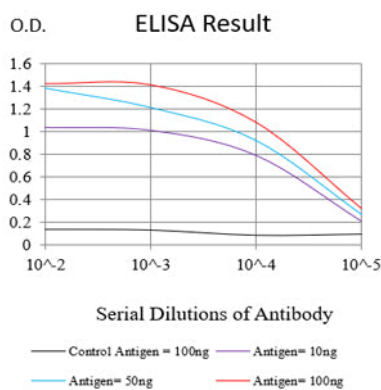
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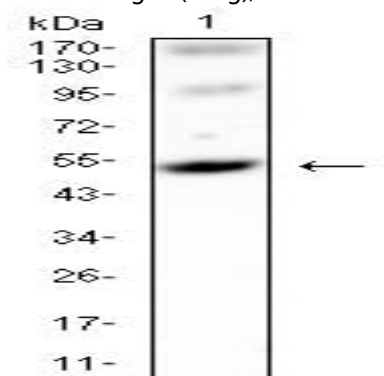
GPR83 (G Protein-Coupled Receptor 83) is a Protein Coding gene. Diseases associated with GPR83 include Tick Infestation and Branchioototic Syndrome. Among its related pathways are Signaling by GPCR and GPCRs, Other. Gene Ontology (GO) annotations related to this gene include G protein-coupled receptor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

Research Area

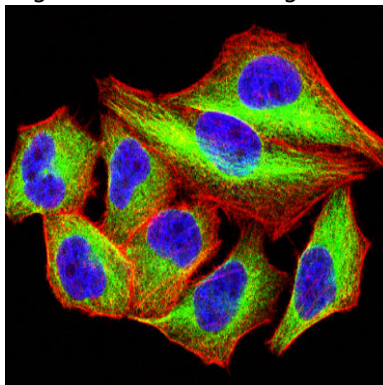
Image Data



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



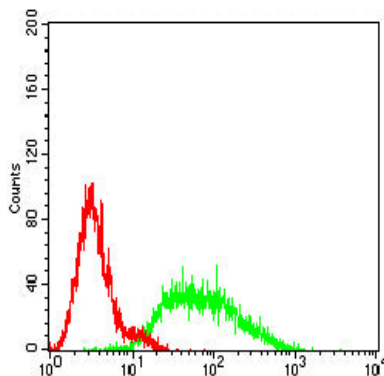
Western blot analysis using GPR83 mouse mAb against Mouse brain(1) cell lysate.



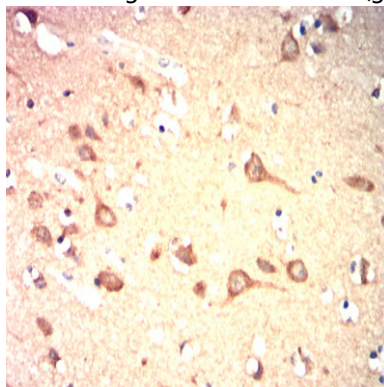
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Immunofluorescence analysis of Hela cells using GPR83 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



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



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

Note

For research use only.