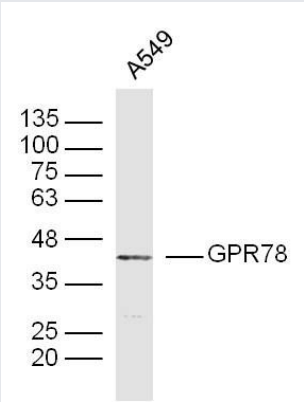
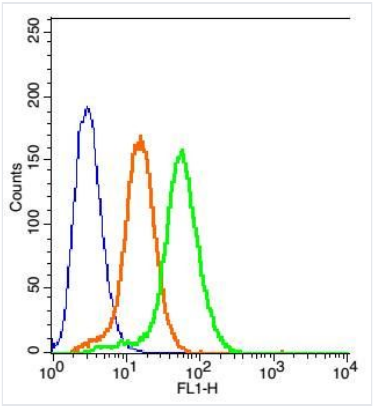
GPR78 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

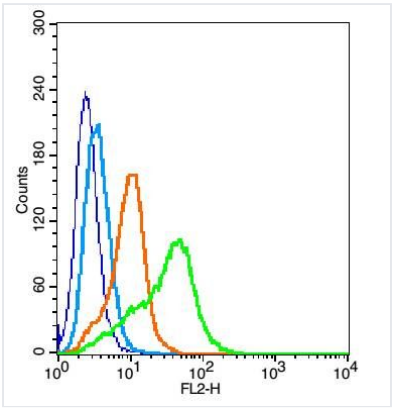
Product Name	GPR78, Polyclonal Antibody
Full Product Name	GPR78 Polyclonal Antibody
Product Gene Name	anti-GPR78 antibody
Product Synonym Names	G-protein coupled receptor 78; GPR78
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Molecular Weight	39,332 Da
Chromosome Location	Chromosome: 4; NC_000004.11 (8581964..8591750). Location: 4p16.1
OMIM	606921
3D Structure	ModBase 3D Structure for Q96P69
Applications Tested/Suitable for anti-GPR78 antibody	Western Blot (WB), Immunohistochemistry-Paraffin (IHC-P), Immunohistochemistry-Frozen (IHC-F), Immunofluorescence (IF)
Related Product Information for anti-GPR78 antibody	MBS9236512 is an antibody targeting GPR78. Also known as GPR78 Polyclonal Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-GPR78 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Wester Blot (WB) of anti-GPR78 antibody
Sample: A549 Cell (Human) Lysate at 30 ug Primary: Anti-GPR78(bs-1807R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 39 kD Observed band size: 39 kD



Flow Cytometry (FC/FACS) of anti-GPR78 antibody
Blank control: 293T Cells(blue). Primary Antibody: Rabbit Anti-GPR78/AF488 Conjugated antibody (bs-1807R-AF488), Dilution: 1 µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG/AF488(orange) ,used under the same conditions. Protocol The cells were fixed with 2% paraformaldehyde (10 min) . The cells were washed twice with 1 X PBS. The cells were incubated in 1 X PBS containing 0.5% BSA + 1 0% goat serum (15 min) to block non-specific protein-protein interactions followed by the incubated with antibody (bs-1807R-AF488, 1 µg /1x10^6 cells) for 30 min on ice. Acquisition of 20,000 events was performed.



Flow Cytometry (FC/FACS) of anti-GPR78 antibody
Dilution: Blank control (blue line): U937 (blue). Primary Antibody (green line): Rabbit Anti-GPR7 antibody (bs-1807R) Dilution: 1 µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): Goat anti-rabbit IgG-PE Dilution: 1 µg /test. Protocol The cells were fixed with 2% paraformaldehyde for 10 min at room temperature. The cells were then incubated in 1 X PBS/2%BSA/10% goat serum to block non-specific protein-protein interactions followed by the antibody for 15 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GPR78. It may not necessarily be applicable to this product.

NCBI GI #	36951034
NCBI GeneID	27201
NCBI Accession #	NP_543009.2
UniProt Primary Accession #	Q96P69
UniProt Secondary Accession #	Q8NGV3
UniProt Related Accession #	Q96P69
GenBank Nucleotide #	NM_080819.4
NCBI Official Full Name	G-protein coupled receptor 78

NCBI Official Synonym Full Names	G protein-coupled receptor 78
NCBI Official Symbol	GPR78
UniProt Protein Name	G-protein coupled receptor 78
Protein Family	G-protein coupled receptor
UniProt Gene Name	GPR78
UniProt Entry Name	GPR78_HUMAN
NCBI Protein Information	G-protein coupled receptor 78
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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