

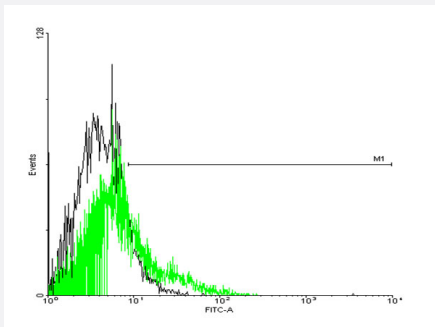
MaxPab®

GPR77 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00027202-B01P

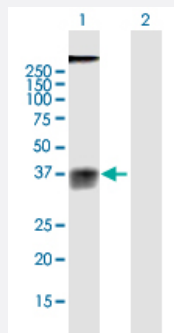
Size 50 ug

Applications



Flow Cytometry

FACS analysis of negative control 293 cells (Black) and GPR77 expressing 293 cells (Green) using GPR77 purified MaxPab mouse polyclonal antibody.



Western Blot (Transfected lysate)

Western Blot analysis of GPR77 expression in transfected 293T cell line ([H00027202-T01](#)) by GPR77 MaxPab polyclonal antibody.

Lane 1: GPR77 transfected lysate(37.07 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human GPR77 protein.

Immunogen

GPR77 (NP_060955.1, 1 a.a. ~ 337 a.a) full-length human protein.

Sequence

MGNDSVSSEYEGDYSDLSRDPVDCLDGACLAIDPLRVAPLPLYAAIFLVGVPGNAMVAWVAGKVA
RRRVGATWLLHLAVADLLCCLSLPILAVPIARGGHWPYGAVGCRALPSIILLTMYASVLLLAALSAD
LCFLALGPAWWSTVQRACGVQVACGAAWTLALLTVPSAIYRRLHQEHFPARLQCVVDYGGSSS
TENAVTAIRFLFGFLGPLVAVASCHSALLCWAARRCRPLGTAIVVGFFVCWAPYHLLGLVLTVAAP
NSALLARALRAEPLIVGLALAHSCLNPMFLFYFGRAQLRRSLPAACHWALRESQGQDESVDSSK
STSHDLVSEMEV

Host

Mouse

Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — GPR77

Entrez GeneID	27202
GeneBank Accession#	NM_018485.1
Protein Accession#	NP_060955.1
Gene Name	GPR77
Gene Alias	C5L2, GPF77
Gene Description	G protein-coupled receptor 77
Omim ID	609949
Gene Ontology	Hyperlink

Gene Summary

The anaphylatoxins C3a (see MIM 120700), C4a (see MIM 120810), and C5a are cationic fragments generated during the complement cascade that participate in host defense. In the case of inappropriate complement activation, anaphylatoxins may be involved in autoimmunity and sepsis. C5L2 is coexpressed with the C5a receptor, C5AR (C5R1; MIM 113995), on polymorphonuclear neutrophils and may modulate C5AR activity (Gerard et al., 2005 [PubMed 16204243]).[supplied by OMIM]

Other Designations

G protein-coupled receptor C5L2

Pathway

- [Neuroactive ligand-receptor interaction](#)