

Anti-GPR174 Antibody (Extracellular Domain)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17476**Specification**

Anti-GPR174 Antibody (Extracellular Domain) - Product Information

Application	IHC-P
Primary Accession	Q9BXC1
Predicted	Human, Rabbit, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38503

Anti-GPR174 Antibody (Extracellular Domain) - Additional Information**Gene ID** 84636**Alias Symbol** **GPR174****Other Names**

GPR174, FKSG79, Jcg18, Purinergic receptor fkg79, G protein-coupled receptor 174

Target/Specificity

Human GPR174. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except RGAG1 (50%).

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-GPR174 Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-GPR174 Antibody (Extracellular Domain) - Protein Information**Name** GPR174**Function**

G-protein-coupled receptor of lysophosphatidylserine (LysoPS) that plays different roles in immune response (PubMed: 36823105). Plays a negative role in regulatory T-cell accumulation and homeostasis. Under inflammatory conditions where LysoPS production increases, contributes to the down-regulation of regulatory T-cell activity to favor effector response. Mediates the suppression of IL-2 production in activated T-lymphocytes leading to inhibition of growth, proliferation and differentiation of T-cells. Mechanistically, acts via G(12)/G(13)-containing heterotrimeric G proteins to trigger elevated cyclic AMP levels and protein kinase A/PKA activity, which may in turn act to antagonize proximal TCR signaling. Plays an important role in the initial period of sepsis through the regulation of macrophage polarization and pro- and anti-inflammatory cytokine secretions. Upon testosterone treatment, acts as a receptor for CCL21 and subsequently

triggers through G(q)-alpha and G(12)/G(13) proteins a calcium flux leading to chemotactic effects on activated B-cells. Signals via GNA13 and PKA to promote CD86 up-regulation by follicular B-cells.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Anti-GPR174 Antibody (Extracellular Domain) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-GPR174 Antibody (Extracellular Domain) - Images