

**Anti-GPR174 Antibody (aa118-167)**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS18345****Specification**

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**Anti-GPR174 Antibody (aa118-167) - Product Information**

Application	WB, IHC-P, E
Primary Accession	<a href="#">Q9BXC1</a>
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	38503

**Anti-GPR174 Antibody (aa118-167) - Additional Information****Gene ID** 84636**Alias Symbol** **GPR174****Other Names**

GPR174, FKSG79, Jg18, Purinergic receptor fks79, G protein-coupled receptor 174

**Target/Specificity**

GPR174 antibody detects endogenous levels of GPR174.

**Reconstitution & Storage**

Immunoaffinity purified

**Precautions**

Anti-GPR174 Antibody (aa118-167) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-GPR174 Antibody (aa118-167) - Protein Information****Name** GPR174**Function**

G-protein-coupled receptor of lysophosphatidylserine (LysoPS) that plays different roles in immune response (PubMed: [36823105](http://www.uniprot.org/citations/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 (aa118-167) - 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 (aa118-167) - Images**