

DESCRIPTION

Species Reactivity	Human
Source	Monoclonal Mouse IgG _{2A} Clone # 1047612
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Human GPR108 synthetic peptide Accession # Q9NPR9
Conjugate	Alexa Fluor 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Human GPR108, also known as Lung seven transmembrane receptor 2, is a 543 amino acids long receptor belonging to the G-protein-coupled receptors (GPCRs) family of receptors. Human GPR108 may play a role in intracellular immune modulation by activating NF-kappaB response and attenuating Toll-like-receptor response (1). It has also been shown essential function in adeno-associated virus (AAV) entry to cells (2).

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