Human GPR116 Antibody

Monoclonal Mouse IgG_{2B} Clone # 1055814

Catalog Number: MAB11248

DESCRIPTION

Species Reactivity	Human
Specificity	Detects Human GPR116 in Direct ELISA.
Source	Monoclonal Mouse IgG_{2B} Clone # 1055814
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-expressed recombinant Human GPR116 extracellular domain. His643-Asn945
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 μm filtered solution in PBS.

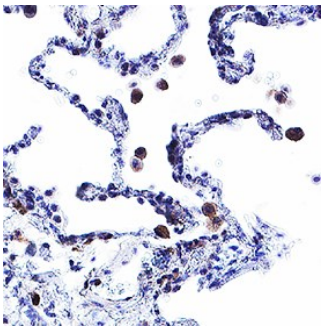
APPLICATIONS

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.*

	Recommended Concentration	Sample
Immunohistochemistry	5-25 µg/mL	Immersion fixed paraffin-embedded sections of Human Lung.

DATA

Immunohistochemistry



Detection of GPR116 in Human Lung. GPR116 was detected in immersion fixed paraffin-embedded sections of Human Lung using Mouse Anti-Human GPR116 Monoclonal Antibody (Catalog # MAB11248) at 5 µg/mL for 1 hour at room temperature followed by incubation with the Anti-Mouse IgG VisUCyte™ HRP Polymer Antibody (Catalog # VC001). Before incubation with the primary antibody, tissue was subjected to heat-induced epitope retrieval using VisUCyte Antigen Retrieval Reagent-Basic (Catalog # VCTS021). Tissue was stained using DAB (brown) and counterstained with hematoxylin (blue). Specific staining was localized to cytoplasm in macrophages. View our protocol for IHC Staining with VisUCyte HRP Polymer Detection Reagents.

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

GPR116 belongs to the LN-TM7 subfamily of the G protein-coupled receptor 2 family, also known as adhesion GPCRs. It exists as a highly glycosylated disulfide-linked dimer at the cell surface. GPR116 may have a role in the regulation of acid-base balance and is also being investigated for it's involvement in adipocyte biology.

GLOBAL info@bio-techne.com techsupport@bio-techne.com bio-techne.com/find-us/distributors TEL +1(612) 379 2956
NORTH AMERICA TEL 800 343 7475 • EUROPE | MIDDLE EAST | AFRICA TEL +44 (0)1235 529449
CHINA info.cn@bio-techne.com TEL +86 (21) 52380373