Human GPR35 Antibody

Monoclonal Mouse IgG_{2B} Clone # 1007216

Catalog Number: MAB10181

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human GPR35 in direct ELISAs.
Source	Monoclonal Mouse IgG_{2B} Clone # 1007216
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Synthetic peptide containing human GPR35 Accession # Q9HC97
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.

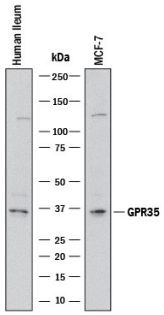
APPLICATIONS

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
Western Blot	2 µg/mL	See Below

DATA

Western Blot



Detection of Human GPR35 by Western Blot. Western blot shows lysates of human ileum tissue and MCF-7 human breast cancer cell line. PVDF membrane was probed with 2 µg/mL of Mouse Anti-Human GPR35 Monoclonal Antibody (Catalog # MAB10181) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF018). A specific band was detected for GPR35 at approximately 34 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

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

Human G protein-coupled receptor 35 also known as GPR35 (also known as Kynurenic acid or KYNA receptor) is a 7-transmembrane domain G protein-coupled receptor encoded by the GPR35 gene. Polymorphisms in the G protein–coupled receptor GPR35 are associated with increased risk for certain inflammatory diseases of the bile duct and large intestine that have increased cancer risk.

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