Human GPRC5C
Alexa Fluor® 488-conjugated Antibody

Monoclonal Mouse IgG_{2A} Clone # 577315

Catalog Number: FAB6594G

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human GPRC5C in direct ELISAs.
Source	Monoclonal Mouse IgG_{2A} Clone # 577315
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with recombinant human GPRC5C Accession # Q9NQ84
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *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.*

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10^6 cells	PC-3 human prostate cancer cell line

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

G-protein coupled receptor family C group 5 member C (GPRC5C), also known as Retinoic acid induced gene 3 (RAIG-3), is an approximately 50 kDa protein with seven transmembrane segments and one site of potential N-linked glycosylation. It is predominantly expressed in the stomach, kidney, liver, pancreas, and prostate. Human GPRC5C shares 88% and 90% amino acid sequence identity with mouse and rat GPRC5C, respectively.

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