

Human HM74A/PUMA-G/GPR109A Alexa Fluor® 405-conjugated Antibody

Monoclonal Rat IgG_{2B} Clone # 245106

Catalog Number: FAB2760V

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human HM74A/GPR109A. Stains human HM74A/GPR109A-transfected cells but not irrelevant transfectants. Cross-reactivity with HM74 (GPR109B) was not tested.
Source	Monoclonal Rat IgG _{2B} Clone # 245106
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human HM74A/GPR109A Met1-Pro363 Accession # Q8TDS4
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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	Human whole blood monocytes and neutrophils

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. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

HM74A, also known as GPR109A, is a high affinity G-protein coupled receptor for nicotinic acid. It is primarily expressed in adipose tissue and spleen.

PRODUCT SPECIFIC NOTICES

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