

# Human HM74A/PUMA-G/GPR109A Alexa Fluor® 350-conjugated Antibody

Monoclonal Rat IgG<sub>2B</sub> Clone # 245106

Catalog Number: FAB2760U  
100 µg

## DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human HM74A/GPR109A. Stains human HM74A/GPR109A-transfected cells but not irrelevant transfectants. Cross-reactivity with HM74 (GPR109B) was not tested.
<b>Source</b>	Monoclonal Rat IgG <sub>2B</sub> Clone # 245106
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	NS0 mouse myeloma cell line transfected with human HM74A/GPR109A Met1-Pro363 Accession # Q8TDS4
<b>Conjugate</b>	Alexa Fluor 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 nm
<b>Formulation</b>	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
<b>Flow Cytometry</b>	0.25-1 µg/10 <sup>6</sup> cells	Human whole blood monocytes and neutrophils

## PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<b>Protect from light. Do not freeze.</b> <ul style="list-style-type: none"> <li>12 months from date of receipt, 2 to 8 °C as supplied.</li> </ul>

## 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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