

# Human HM74A/PUMA-G/GPR109A Alexa Fluor® 700-conjugated Antibody

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

Catalog Number: FAB2760N  
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<br>Met1-Pro363<br>Accession # Q8TDS4  |
| <b>Conjugate</b>          | Alexa Fluor 700<br>Excitation Wavelength: 675-700 nm<br>Emission Wavelength: 723 nm  |
| <b>Formulation</b>        | Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.<br><br>*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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