



20190326DS

Anti-Human HM74A (#6S24)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	101-M451
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a Rat immunized with human recombinant protein of HM74A (also called GPR109A)).

Target Background

Synonyms (Target):	HCAR2; HCA2; HM74a; HM74b; PUMAG; NIACR1; Puma-g; GPR109A
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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.

Database References Target

Protein RefSeq:	NP_808219.1
Uniprot ID:	Q8TDS4
mRNA RefSeq:	NM_177551.3

Product Specifications

Host	Rat
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#6S24)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	Recombinant human HM74A
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at <-20°C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human HM74A.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

FC

Recommended usage:

Flow cytometry: 1:50 - 1:200

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!