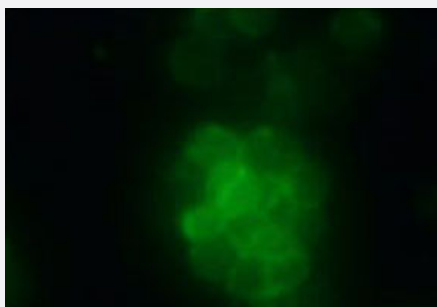


O3FAR1 monoclonal antibody, clone 2B6

Catalog # MAB1725

Size 25 ug

Applications



Immunofluorescence

Immunofluorescence analysis of HEK 293T cells overexpressing human O3FAR1, using O3FAR1 monoclonal antibody, clone 2B6 (Cat # MAB1725) .

Specification

Product Description Mouse monoclonal antibody raised against synthetic peptide of O3FAR1.

Immunogen A synthetic peptide corresponding to human O3FAR1.

Host Mouse

Reactivity Human

Form Liquid

Isotype IgG2a, kappa

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
Immunoprecipitation (5 ug/mL)
Flow Cyt (1-5 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS (0.1% proclin, 2.0% Block Ace)

Storage Instruction
Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Immunofluorescence

Immunofluorescence analysis of HEK 293T cells overexpressing human O3FAR1, using O3FAR1 monoclonal antibody, clone 2B6 (Cat # MAB1725).

- Flow Cytometry

Gene Info — O3FAR1

Entrez GeneID	338557
Gene Name	O3FAR1
Gene Alias	BMIQ10, GPR120, GPR129, GT01, PGR4
Gene Description	omega-3 fatty acid receptor 1
Omim ID	609044
Gene Ontology	Hyperlink
Gene Summary	GPR120 is a member of the rhodopsin family of G protein-coupled receptors (GPRs) (Fredriksson et al., 2003 [PubMed 14623098]).[supplied by OMIM]
Other Designations	G-protein coupled receptor 120; G-protein coupled receptor 129; G-protein coupled receptor GT01; G-protein coupled receptor PGR4

Publication Reference

- [GPR expression in the rat taste bud relating to fatty acid sensing.](#)

Matsumura S, Mizushige T, Yoneda T, Iwanaga T, Tsuzuki S, Inoue K, Fushiki T.
Biomedical Research (Tokyo, Japan) 2007 Feb; 28(1):49.

Application: IHC-P, WB-Ti, Rat, Rat circumvallate papillae, colon, tongue

- [The regulation of adipogenesis through GPR120.](#)

Gotoh C, Hong YH, Iga T, Hishikawa D, Suzuki Y, Song SH, Choi KC, Adachi T, Hirasawa A, Tsujimoto G, Sasaki S, Roh SG.
Biochemical and Biophysical Research Communications 2007 Mar; 354(2):591.

- [Free fatty acids inhibit serum deprivation-induced apoptosis through GPR120 in a murine enteroendocrine cell line STC-1.](#)

Katsuma S, Hatae N, Yano T, Ruike Y, Kimura M, Hirasawa A, Tsujimoto G.

The Journal of Biological Chemistry 2005 May; 280(20):19507.

- [Free fatty acids regulate gut incretin glucagon-like peptide-1 secretion through GPR120.](#)

Hirasawa A, Tsumaya K, Awaji T, Katsuma S, Adachi T, Yamada M, Sugimoto Y, Miyazaki S, Tsujimoto G.

Nature Medicine 2005 Jan; 11(1):90.

Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)