

PPAR Delta mouse Monoclonal Antibody(2F9)

Description

Product type	Primary Antibody
Code	BT-MCA1052
Host	Mouse
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Recombinant Protein of PPAR Delta of PPAR Delta
Mol wt	N/A
Species reactivity	Human,Rat,Mouse
Clonality	Monoclonal
Recommended application	IF, ICC, IHC-p
Concentration	1 mg/ml
Full name	PPAR Delta
Synonyms	Peroxisome proliferator-activated receptor delta; PPAR-delta; NUC1; Nuclear hormone receptor 1; NUC1; Nuclear receptor subfamily 1 group C member 2; Peroxisome proliferator-activated receptor beta; PPAR- beta

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a member of the peroxisome proliferator-activated receptor (PPAR) family. PPARs are nuclear hormone receptors that bind peroxisome proliferators and control the size and number of peroxisomes produced by cells. PPARs mediate a variety of biological processes, and may be involved in the development of several chronic diseases, including diabetes, obesity, atherosclerosis, and cancer. This protein is a potent inhibitor of ligand-induced transcription activity of PPAR alpha and PPAR gamma. It may function as an integrator of transcription repression and nuclear receptor signaling. The expression of this gene is found to be elevated in colorectal cancer cells. The elevated expression can be repressed by adenomatosis polyposis coli (APC), a tumor suppressor protein related to APC/beta-catenin signaling pathway. Knockout studies in mice suggested the role of this

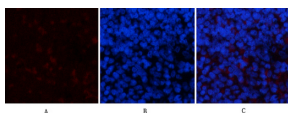
Recommended Dilution

IF: 1:50-200

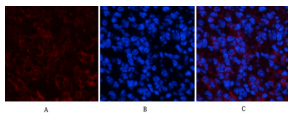
IHC: 1:100-200

Not yet tested in other applications.

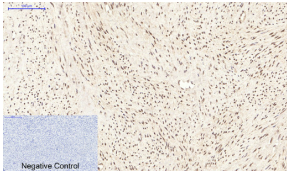
Images



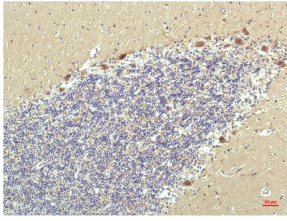
Immunofluorescence analysis of rat-spleen tissue. 1.PPAR Delta Mouse Monoclonal antibody(2F9) (red) was diluted at 1:200(4°C,overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3. Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



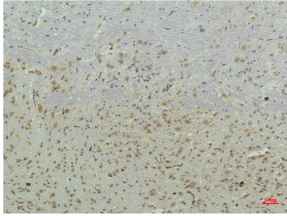
Immunofluorescence analysis of mouse-spleen tissue. 1.PPAR Delta Mouse Monoclonal antibody(2F9)(red) was diluted at 1:200(4°C,overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3. Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



Immunohistochemical analysis of paraffin-embedded Human-uterus tissue. 1.PPAR Delta Mouse Monoclonal antibody(2F9) was diluted at 1:200(4°C,overnight). 2.Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3.Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Human Brain Tissue using PPAR Delta Mouse Monoclonal antibody diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using PPAR Delta Mouse Monoclonal antibody diluted at 1:200.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com