

# PPAR delta Monoclonal Antibody (OTI4D10)

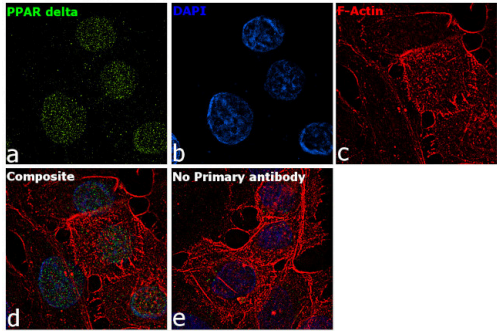
Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	OTI4D10
Conjugate	Unconjugated
Immunogen	Human recombinant protein fragment corresponding to amino acids 1-244 of PPARD produced in E. coli
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.3, with 1% BSA, 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2725077

Applications	Tested Dilution	Publications
Western Blot (WB)	1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:150	-
Immunocytochemistry (ICC/IF)	1:100	-

Product Images For PPAR delta Monoclonal Antibody (OTI4D10)

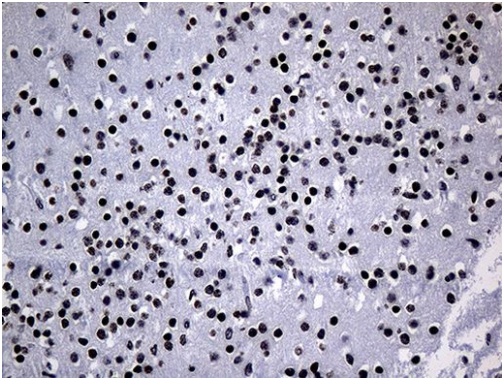
PPAR delta Antibody (MA5-27427) in ICC/IF

Immunofluorescence analysis of PPARB/D was performed using FADU cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with PPARB/D Mouse Monoclonal Antibody (Product # MA5-27427) at 1:100 dilution in 0.1% BSA and incubated overnight at 4 degree and then labeled with Donkey anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 conjugate (Product # A32766) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the composite image showing nuclear localization of PPARB/D in FADU cells. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



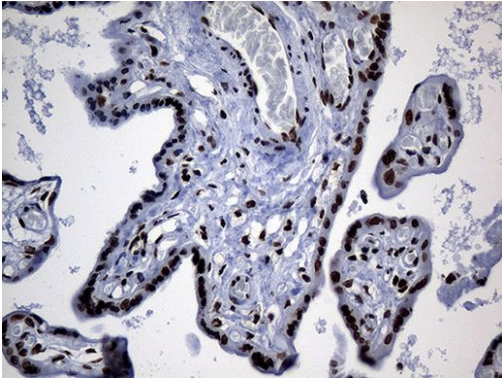
PPAR delta Antibody (MA5-27427) in IHC (P)

Immunohistochemistry was performed on paraffin-embedded human adult brain tissue. To expose target proteins, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3 min. Following antigen retrieval, tissues were probed with a PPARD monoclonal antibody (Product # MA5-27427) at a dilution of 1:150.



PPAR delta Antibody (MA5-27427) in IHC (P)

Immunohistochemistry was performed on paraffin-embedded human placenta tissue. To expose target proteins, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3 min. Following antigen retrieval, tissues were probed with a PPARD monoclonal antibody (Product # MA5-27427) at a dilution of 1:150.



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