

WNT4 Monoclonal Antibody (55010)

Product Details	
Size	50 µg
Species Reactivity	Mouse
Host/Isotype	Rat / IgG2a
Class	Monoclonal
Type	Antibody
Clone	55010
Conjugate	Unconjugated
Immunogen	E. coli-derived recombinant mouse Wnt-4 (aa 37-76 and 222-295)
Form	Lyophilized
Concentration	0.5 mg/mL
Purification	Protein A/G
Storage buffer	PBS with 5% trehalose
Contains	No Preservative
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2609176

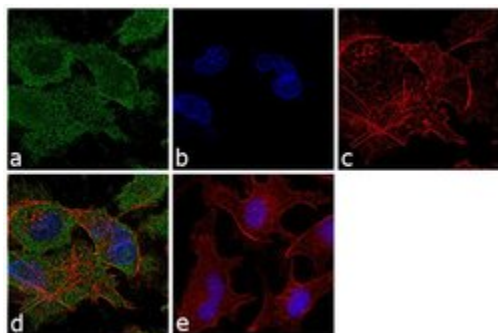
Applications	Tested Dilution	Publications
Western Blot (WB)	1 µg/mL	-
Immunohistochemistry (Frozen) (IHC (F))	8-25 µg/mL	-
Immunocytochemistry (ICC/IF)	5 µg/mL	-

Product Specific Information

Reconstitute at 0.5 mg/mL in sterile PBS.

Product Images For WNT4 Monoclonal Antibody (55010)

WNT4 Antibody (MA5-24376) in ICC/IF



Immunofluorescence analysis of WNT4 was performed using 70% confluent log phase HepG2 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with WNT4 (55010) Rat Monoclonal Antibody (Product # MA5-24376) at 5µg/mL in 0.1% BSA and incubated for 3 hours at room temperature and then labeled with Goat anti-Rat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 488 (Product # A-11006) a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing cytoplasmic localization. Panel e shows the no primary antibody control. The images were captured at 60X magnification.

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