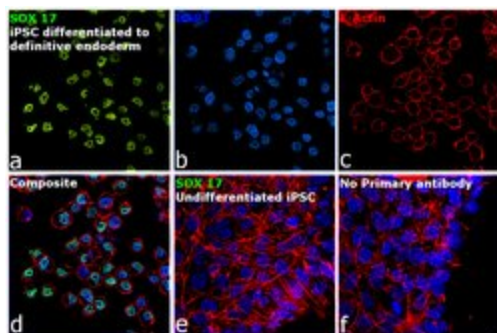


# SOX17 Monoclonal Antibody (OTI2G8)

Product Details	
Size	100 µL
Species Reactivity	Dog, Human
Host/Isotype	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	OTI2G8
Conjugate	Unconjugated
Immunogen	Human recombinant protein fragment corresponding to amino acids 177-414 of SOX17 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_2725395

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50	-
Immunocytochemistry (ICC/IF)	1:50-1:100	-

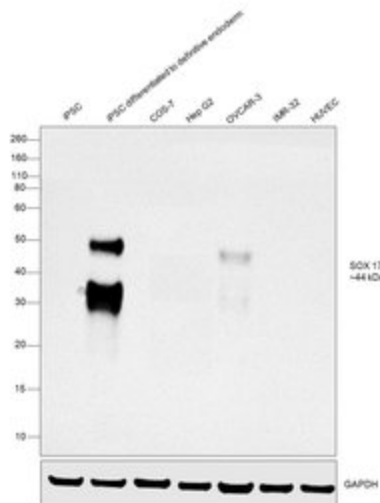


### SOX17 Antibody (MA5-24891)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models owing to their inherent genetic constitution. Immunofluorescence analysis using Anti-SOX17 Monoclonal Antibody (OTI2G8) (Product # MA5-24891), shows nuclear localization of SOX17 in iPSC differentiated to definitive endoderm when compared to iPSC, which shows no signal. Relative expression validation info.

### SOX17 Antibody (MA5-24891)

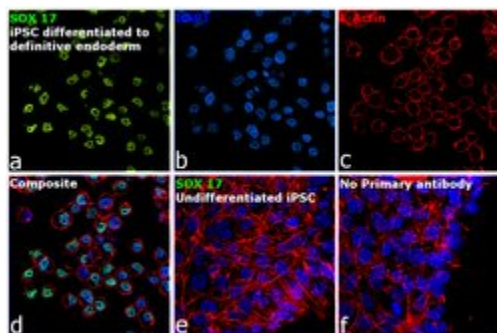
Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lines owing to their inherent genetic constitution. Relative expression of Transcription factor SOX-17 was observed in iPSC differentiated to definitive endoderm when compared to iPSC; OVCAR-3 when compared to other cell lines using Anti-SOX17 Monoclonal Antibody (OTI2G8) (Product # MA5-24891) in Western Blot. Relative expression validation info.



## Product Images For SOX17 Monoclonal Antibody (OTI2G8)

### SOX17 Antibody (MA5-24891) in ICC/IF

Immunofluorescence analysis of Transcription factor SOX-17 was performed using 70% confluent log phase iPSC and iPSC differentiated to definitive endoderm 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 45 minutes at room temperature. The cells were labeled with SOX17 Monoclonal Antibody (OTI2G8) (Product # MA5-24891) at 1:100 dilution in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32766), (1: 2000 dilution), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b: Green) 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 merged image showing nuclear localization. Panel e represents control iPSC which shows no signal. Panel f represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



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