

Product datasheet for **CF500044**

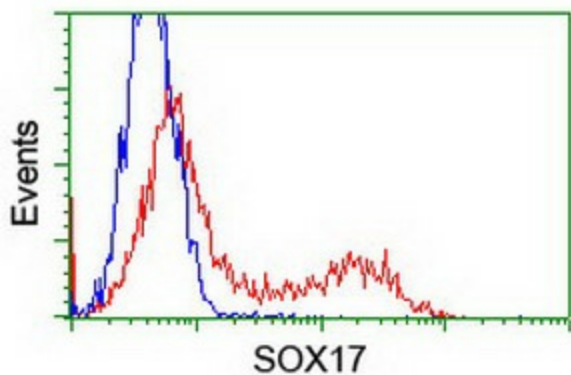
SOX17 Mouse Monoclonal Antibody [Clone ID: OTI3B10]

Product data:

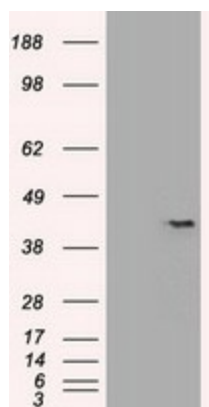
Product Type:	Primary Antibodies
Clone Name:	OTI3B10
Applications:	FC, IF, IHC, WB
Recommend Dilution:	WB 1:5000, IHC 1:50, IF 1:50~100, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 177-414 of human SOX17 (NP_071899) produced in E.coli.
Formulation:	PBS (pH7.3), 8% Trehalose
Reconstitution Method:	Reconstitute with PBS (pH7.3). To use this carrier-free antibody for conjugation experiment, we strongly recommend you to perform another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids by affinity chromatography
Predicted Protein Size:	43.9 kDa
Gene Name:	Homo sapiens SRY-box transcription factor 17 (SOX17), mRNA.
Database Link:	NP_071899 Entrez Gene 64321 Human
Background:	SOX17 is a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. It may act as a transcriptional regulator after forming a protein complex with other proteins.
Synonyms:	VUR3
Protein Families:	Transcription Factors
Protein Pathways:	Wnt signaling pathway



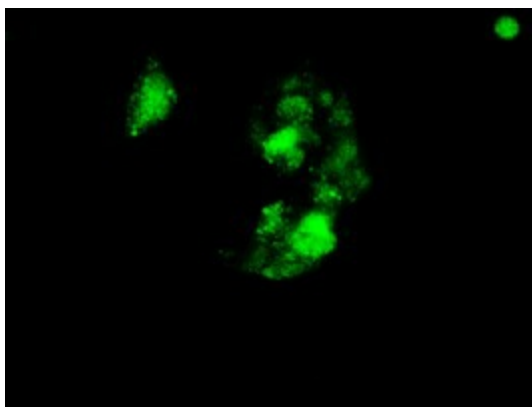
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Product images:

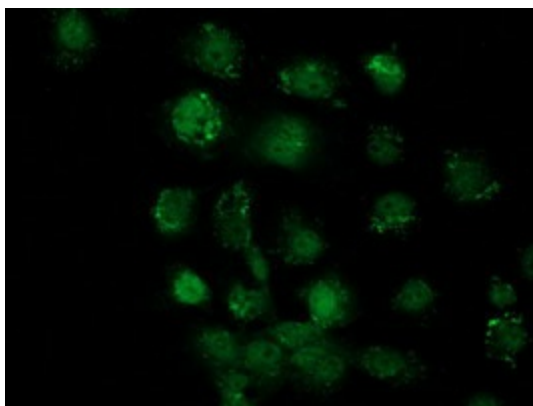
HEK293T cells transfected with either RC220888 overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-SOX17 antibody (TA500044), and then analyzed by flow cytometry.



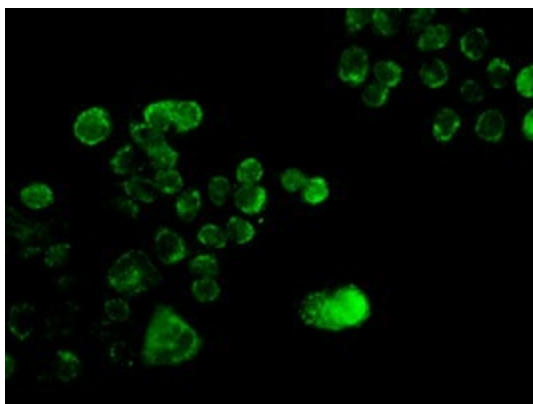
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SOX17 (RC220888, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SOX17. Positive lysates LY411669 (100ug) and LC411669 (20ug) can be purchased separately from OriGene.



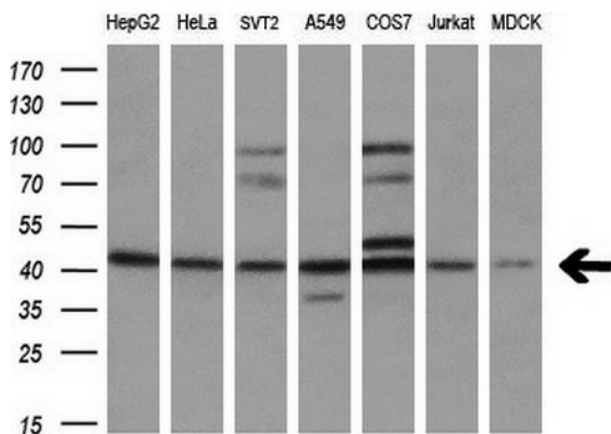
Immunofluorescent staining of HepG2 cells using anti-SOX17 mouse monoclonal antibody (TA500044).



Anti-SOX17 mouse monoclonal antibody (TA500044) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY SOX17 (RC220888).



Immunofluorescent staining of HT29 cells using anti-SOX17 mouse monoclonal antibody (TA500044).



Western blot analysis of extracts (10ug) from 7 different cell lines by using anti-SOX17 monoclonal antibody at 1:200 dilution.

SOX17 FOXA2 DAPI

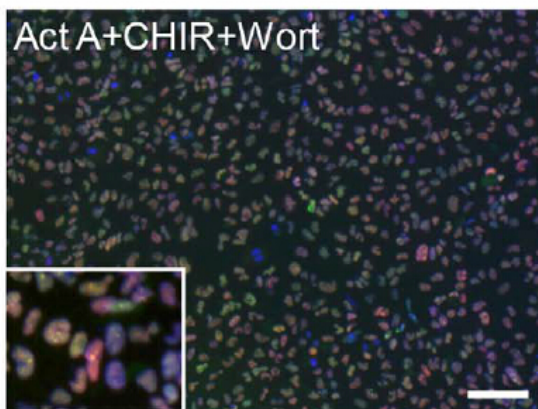


Figure from citation: Immunofluorescence of SOX17 protein level by using anti-SOX17 antibody in human KhES-3 cells. [View Citation](#)