

Product datasheet for **TA500044**

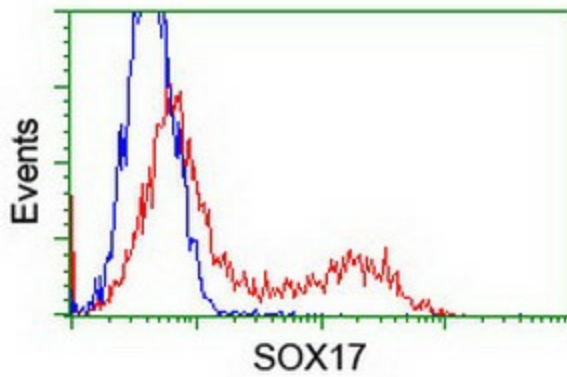
SOX17 Mouse Monoclonal Antibody [Clone ID: OTI3B10]

Product data:

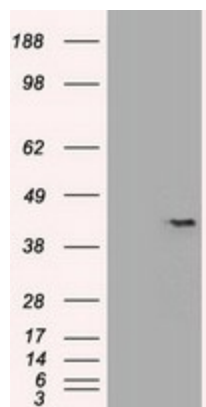
Product Type:	Primary Antibodies
Clone Name:	OTI3B10
Applications:	FC, IF, WB
Recommended Dilution:	WB 1:5000, IHC 1:50, IF 1:50~100, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 177-414 of human SOX17 (NP_071899) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	43.9 kDa
Gene Name:	SRY-box transcription factor 17
Database Link:	NP_071899 Entrez Gene 20671 Mouse Entrez Gene 312936 Rat 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



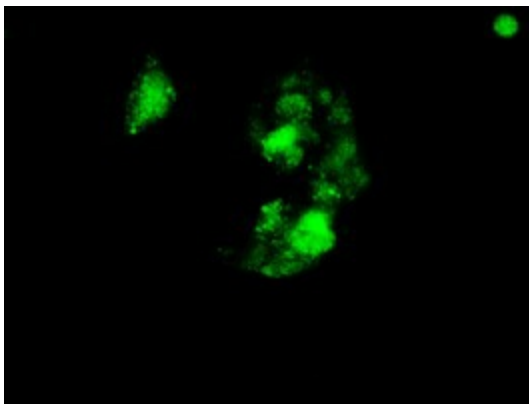
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Product images:

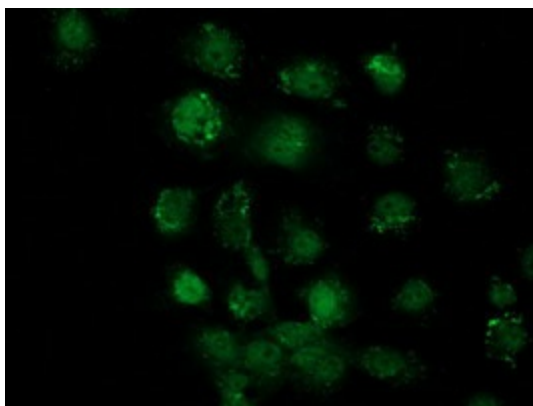
HEK293T cells transfected with either [RC220888] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-SOX17 antibody (TA500044), and then analyzed by flow cytometry.



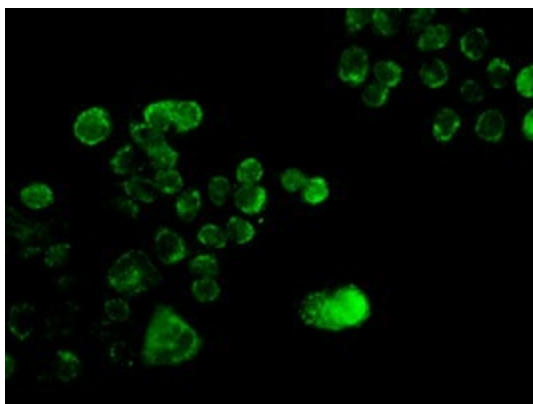
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SOX17 ([RC220888], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SOX17. Positive lysates [LY411669] (100ug) and [LC411669]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



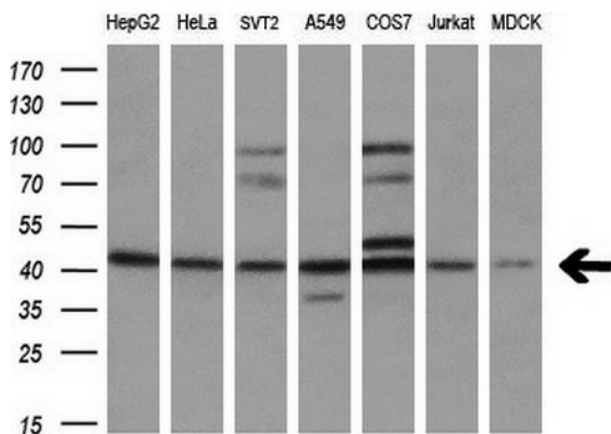
Immunofluorescent staining of HepG2 cells using anti-SOX17 mouse monoclonal antibody (TA500044).



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

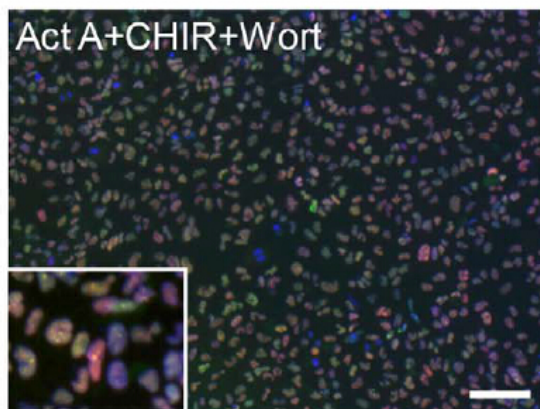


Figure from citation: Immunofluorescence of SOX17 protein level by using anti-SOX17 antibody in human KhES-3 cells. [View Citation](#)