


Anti-ZEB1 antibody [OTI3G6] - N-terminal ab180905

★★★★★ [3 Abreviews](#) [19 References](#) [6 图像](#)

概述

产品名称	Anti-ZEB1抗体[OTI3G6] - N-terminal
描述	小鼠单克隆抗体[OTI3G6] to ZEB1 - N-terminal
宿主	Mouse
特异性	Does not cross react with ZEB2.
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Chicken 
免疫原	Recombinant fragment corresponding to Human ZEB1 aa 1-350 (N terminal). Produced in <i>E.coli</i> (NP_110378). Database link: P37275 Run BLAST with Run BLAST with
阳性对照	IHC-P: Human lung carcinoma, breast adenocarcinoma, kidney carcinoma, endometrium adenocarcinoma, prostate and lymph node tissues.
常规说明	Dilute in PBS (pH7.3) if necessary. The clone number has been updated from 3G6 to OTI3G6, both clone numbers name the same clone. This product was changed from ascites to tissue culture supernatant on 6 th September 2018. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team. The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

性能

形式 Liquid

存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol, 1% BSA, 48% PBS
纯度	Protein A purified
纯化说明	Purified from TCS
克隆	单克隆
克隆编号	OTI3G6
同种型	IgG2a

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab180905于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★☆ (1)	Use at an assay dependent concentration.
IHC-P	★★★★☆ (1)	1/150.

靶标

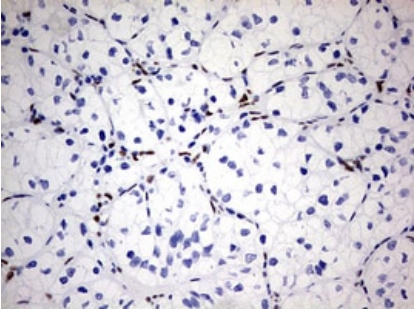
功能	Inhibits interleukin-2 (IL-2) gene expression. May be responsible for transcriptional repression of the IL-2 gene. Enhances or represses the promoter activity of the ATP1A1 gene depending on the quantity of cDNA and on the cell type. Represses E-cadherin promoter and induces an epithelial-mesenchymal transition (EMT) by recruiting SMARCA4/BRG1. Represses BCL6 transcription in the presence of the corepressor CTBP1. Promotes tumorigenicity by repressing stemness-inhibiting microRNAs.
组织特异性	Colocalizes with SMARCA4/BRG1 in E-cadherin-negative cells from established lines, and stroma of normal colon as well as in de-differentiated epithelial cells at the invasion front of colorectal carcinomas (at protein level). Expressed in heart and skeletal muscle, but not in liver, spleen, or pancreas.
疾病相关	Defects in ZEB1 are the cause of posterior polymorphous corneal dystrophy type 3 (PPCD3) [MIM:609141]. PPCD is a rare disease involving metaplasia and overgrowth of corneal endothelial cells. In patients with PPCD, these cells manifest in an epithelial morphology and gene expression pattern, produce an aberrant basement membrane, and, sometimes, spread over the iris and nearby structures in a way that increases the risk for glaucoma. Defects in ZEB1 are the cause of corneal dystrophy Fuchs endothelial type 6 (FECD6) [MIM:613270]. It is an ocular disorder caused by loss of endothelium of the central cornea. It is characterized by focal wart-like guttata that arise from Descemet membrane and develop in the central cornea, epithelial blisters, reduced vision and pain. Descemet membrane is thickened by abnormal collagenous deposition.
序列相似性	Belongs to the delta-EF1/ZFH-1 C2H2-type zinc-finger family. Contains 7 C2H2-type zinc fingers.

Contains 1 homeobox DNA-binding domain.

细胞定位

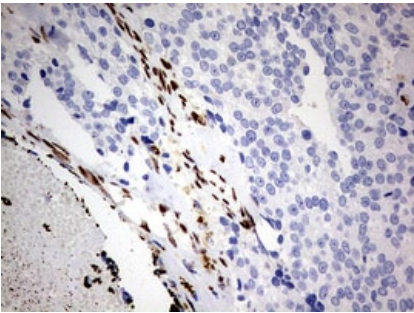
Nucleus.

图片



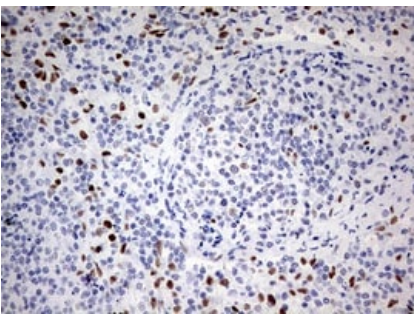
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZEB1 antibody [OTI3G6] - N-terminal (ab180905)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human kidney carcinoma tissue labeling ZEB1 with ab180905. Heat mediated antigen retrieval was performed using 10mM citrate buffer pH 6 for 3 minutes at 120°C.



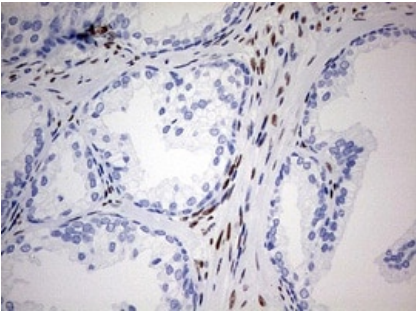
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZEB1 antibody [OTI3G6] - N-terminal (ab180905)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human breast adenocarcinoma tissue labeling ZEB1 with ab180905. Heat mediated antigen retrieval was performed using 10mM citrate buffer pH 6 for 3 minutes at 120°C.



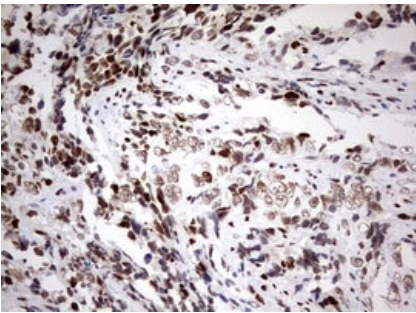
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZEB1 antibody [OTI3G6] - N-terminal (ab180905)

Immunohistochemical analysis of paraffin-embedded Human lymph node tissue labeling ZEB1 with ab180905 at 1/150 dilution.



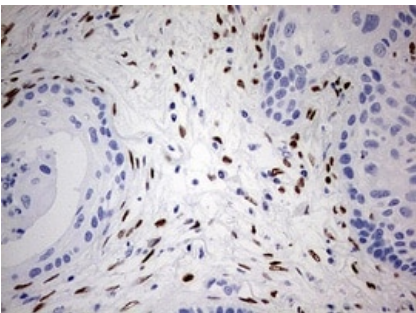
Immunohistochemical analysis of paraffin-embedded Human prostate tissue labeling ZEB1 with ab180905 at 1/150 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZEB1 antibody [OTI3G6] - N-terminal (ab180905)



Immunohistochemical analysis of paraffin-embedded Human endometrium adenocarcinoma tissue labeling ZEB1 with ab180905 at 1/150 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZEB1 antibody [OTI3G6] - N-terminal (ab180905)



Immunohistochemical analysis of paraffin-embedded Human lung carcinoma tissue labeling ZEB1 with ab180905 at 1/150 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZEB1 antibody [OTI3G6] - N-terminal (ab180905)

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