

bsm-51479M**[Primary Antibody]****BioSS**
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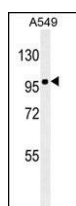
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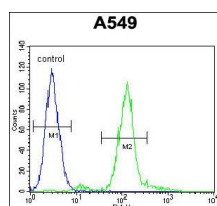
400-901-9800

ZEB1 Mouse mAb**— DATASHEET —**

Host: Mouse	Isotype: IgG1, k	Applications: WB (1:500-2000) Flow-Cyt (1:10-50) Reactivity: Human Predicted MW.: 124 kDa Subcellular Location: Nucleus
Clonality: Monoclonal	CloneNo.: Z6F8	
GeneID: 6935	SWISS: P37275	
Target: ZEB1		
Immunogen: KLH conjugated synthetic peptide derived from human ZEB1: 51-150/1124.		
Purification: affinity purified by Protein G		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: This gene encodes a zinc finger transcription factor. The encoded protein likely plays a role in transcriptional repression of interleukin 2. Mutations in this gene have been associated with posterior polymorphous corneal dystrophy-3 and late-onset Fuchs endothelial corneal dystrophy. Alternatively spliced transcript variants encoding different isoforms have been described.[provided by RefSeq, Mar 2010]		

— VALIDATION IMAGES —

Sample: Lane 1: Human A549 cell lysates
 Primary: Anti-ZEB1 (bsm-51479M) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution
 Predicted band size: 124 kD
 Observed band size: 100 kD



Blank control: A549. Primary Antibody (green line): Mouse Anti-ZEB1 antibody (bsm-51479M)
 Dilution: 1:50; Secondary Antibody: Goat anti-mouse IgG-PE Protocol
 The cells were fixed with 4% PFA (10min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=3.905]** Xiao Han. et al. ZEB1 induces ROS generation through directly promoting MCT4 transcription to facilitate breast cancer. Exp Cell Res. 2022 Mar;412:113044 IHC ;Human. 35093305
- **[IF=3.5]** Yanyun Guan. et al. Astragaloside IV inhibits epithelial-mesenchymal transition and pulmonary fibrosis via lncRNA-ATB/miR-200c/ZEB1 signaling pathway. GENE. 2024 Mar;897:148040 WB ;Human. 38065426