bs-4187R **[Primary Antibody]**

ZEB1/NIL2A Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 6935 **SWISS:** P37275

Target: ZEB1/NIL2A

Immunogen: KLH conjugated synthetic peptide derived from human ZEB1: 211-320/1124.

Purification: affinity purified by Protein A

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]

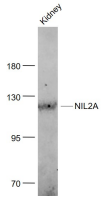
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
Flow-Cyt (1μg/Test)

Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Chicken, Dog)

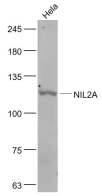
Predicted MW.: 124 kDa

Subcellular Location: Nucleus

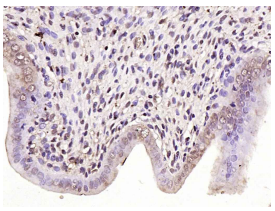
VALIDATION IMAGES



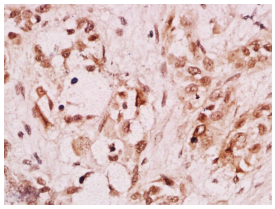
Sample: Kidney (Mouse) Lysate at 40 ug Primary: Anti- ZEB1/NIL2A (bs-4187R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 124 kD Observed band size: 124 kD



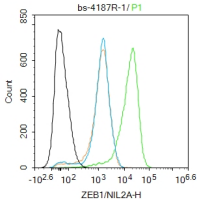
Sample: Hela(Human) Cell Lysate at 30 ug Primary: Anti- ZEB1/NIL2A (bs-4187R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 124 kD Observed band size: 124 kD



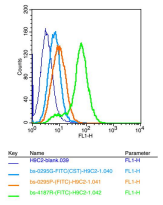
Paraformaldehyde-fixed, paraffin embedded (rat uterus); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ZEB1) Polyclonal Antibody, Unconjugated (bs-4187R) at 1:2000 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human breast cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ZEB1) Polyclonal



Blank control:Jurkat. Primary Antibody (green line): Rabbit Anti-ZEB1/NIL2A antibody (bs-4187R) Dilution: 1ug/Test; Secondary Antibody : Goat anti-rabbit IgG-FITC Dilution: 0.5ug/Test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for



Positive control: (mo)H9C2(2% Paraformaldehyde-fixed) Isotype Control Antibody: Rabbit IgG; Dilution: 1μg in 100 μl 1 X PBS containing 0.5% BSA Secondary Antibody: Goat anti-rabbit IgG-FITC; Dilution: 1:200 in 1 X PBS containing 0.5% BSA Primary Antibody catalog number: bs-4187R; Dilution: 1μg in 100 μl

Antibody, Unconjugated (bs-4187R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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.

1X PBS containing 0.5% BSA

SELECTED CITATIONS

- **[IF=4.784]** Zheng Wu. et al. FOXD3 suppresses epithelial–mesenchymal transition through direct transcriptional promotion of SMAD7 in esophageal squamous cell carcinoma. 2021 Sep 22 WB ;human. 34551139
- **[IF=4.6]** Lifang Yuan. et al. STEAP3 promotes TNBC growth through the FGFR1-mediated activation of PI3K/AKT/mTOR signaling. ISCIENCE. 2025 四月 24 WB ;Human. 10.1016/j.isci.2025.112526
- **[IF=3.48]** Sasaki, Takamitsu, et al. "Significance of epithelial growth factor in the epithelial?Cmesenchymal transition of human gallbladder cancer cells."Cancer Science (2012).0 WB ;="Human". 22404757
- **[IF=2.06]** Xiang, Shuai, et al. "ZEB1 Expression Is Correlated With Tumor Metastasis and Reduced Prognosis of Breast Carcinoma in Asian Patients." Cancer Investigation (2015). Other ;="". 25950745