

**bs-14684R****[ Primary Antibody ]****CD361 Rabbit pAb****Bioss**  
**ANTIBODIES**

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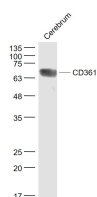
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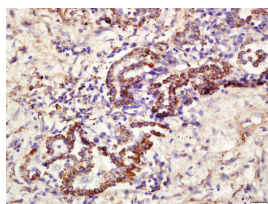
400-901-9800

**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 2124**SWISS:** P34910**Target:** CD361**Immunogen:** KLH conjugated synthetic peptide derived from human CD361: 151-250/448. < Extracellular >**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

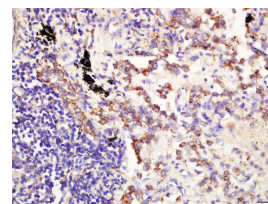
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** EVI2B is a 448 amino acid protein which functions in the differentiation of melanocytes and keratinocytes. Lying within an intron of the Neurofibromin gene, the gene encoding EVI2B is transcribed from the telomere toward the centromere, which is opposite the transcription direction of the Neurofibromin gene. EVI2B is a single-pass transmembrane protein containing an extracellular domain with 4 glycosylation sites, a N-terminal signal peptide, a cytoplasmic hydrophilic domain and a hydrophobic transmembrane domain. Due to evidence suggesting that gene encoding the mouse homolog lies within a viral integration site that has been identified in retrovirus-induced myeloid tumors, the gene encoding EVI2B may function as an oncogene in these tumor types. With expression in peripheral blood mononuclear cells, fibroblasts, bone marrow and EBV-transformed lymphoblastoid cell lines, EVI2B is implicated in leukemogenesis.**Applications:** **WB** (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Human, Mouse**Predicted**  
**MW.:** 46 kDa**Subcellular**  
**Location:** Cell membrane**— VALIDATION IMAGES —**

Sample: Cerebrum (Mouse) Lysate at 40 ug  
 Primary: Anti- CD361 (bs-14684R) at 1/1000  
 dilution Secondary: IRDye800CW Goat Anti-  
 Rabbit IgG at 1/20000 dilution Predicted band  
 size: 46 kD Observed band size: 66 kD



Tissue/cell: human lung carcinoma; 4%  
 Paraformaldehyde-fixed and paraffin-  
 embedded; Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block  
 endogenous peroxidase by 3% Hydrogen  
 peroxide for 30min; Blocking buffer (normal goat  
 serum,C-0005) at 37°C for 20 min; Incubation:  
 Anti-CD361 Polyclonal Antibody,  
 Unconjugated(bs-14684R) 1:200, overnight at  
 4°C, followed by conjugation to the secondary  
 antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: Human lung cancer tissue; 4%  
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 embedded; Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block  
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