

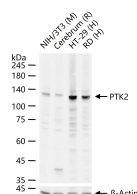
**bsm-63128R****[ Primary Antibody ]****Bioss**  
**ANTIBODIES**

www.bioss.com.cn

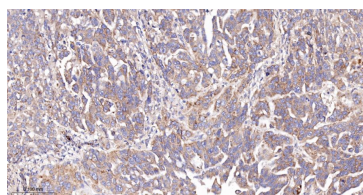
sales@bioss.com.cn

techsupport@bioss.com.cn

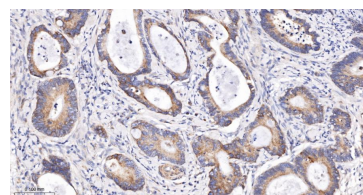
400-901-9800

**FAK Recombinant Rabbit mAb****DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 6F1**GeneID:** 5747**SWISS:** Q05397**Target:** FAK**Immunogen:** A synthesized peptide derived from human Focal adhesion kinase 1: 700-780.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Non-receptor protein-tyrosine kinase that plays an essential role in regulating cell migration, adhesion, spreading, reorganization of the actin cytoskeleton, formation and disassembly of focal adhesions and cell protrusions, cell cycle progression, cell proliferation and apoptosis. Required for early embryonic development and placenta development. Required for embryonic angiogenesis, normal cardiomyocyte migration and proliferation, and normal heart development.**Applications:** **WB** (1:500-2000)  
**IHC-P** (1:50-200)  
**IHC-F** (1:50-200)  
**IF** (1:50-200)  
**Flow-Cyt** (1:20-50)  
**ICC/IF** (1:50-200)  
**IP** (1:20-50)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 119 kDa**Subcellular Location:** Cell membrane ,Cytoplasm ,Nucleus**VALIDATION IMAGES**

25 ug total protein per lane of various lysates (see on figure) probed with PTK2 monoclonal antibody, unconjugated (bsm-63128R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Ovarian Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with FAK Monoclonal Antibody, Unconjugated (bsm-63128R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with FAK Monoclonal Antibody, Unconjugated (bsm-63128R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.