

**bsm-63276R****[ Primary Antibody ]**

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**phospho-FAK (Y576/Y577) Recombinant Rabbit mAb****DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 5B6**GeneID:** 5747**SWISS:** Q05397**Target:** FAK (Y576/Y577)**Immunogen:** A synthesized peptide derived from human Focal adhesion kinase 1 around the phosphorylation site of Y576/Y577: DST-pY-pY-KAS.**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 (1:1000-2000)**Reactivity:** Human, Mouse**Predicted MW.:** 119 kDa**Subcellular Location:** Cell membrane ,Cytoplasm ,Nucleus