

bsm-63150R**[Primary Antibody]**

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phospho-BTK (Y551) Recombinant Rabbit mAb**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 5C12**GeneID:** 695**SWISS:** Q06187**Target:** phospho-BTK (Y551)**Immunogen:** A synthesized peptide derived from human BTK around the phosphorylation site of Y551: DE-pY-TSS(全长659aa).**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 tyrosine kinase indispensable for B lymphocyte development, differentiation and signaling. Binding of antigen to the B-cell antigen receptor (BCR) triggers signaling that ultimately leads to B-cell activation. After BCR engagement and activation at the plasma membrane, phosphorylates PLCG2 at several sites, igniting the downstream signaling pathway through calcium mobilization, followed by activation of the protein kinase C (PKC) family members.**Applications:** **WB** (1:1000-1:2000)
ICC/IF (1:50-1:200)**Reactivity:** Human**Predicted
MW.:** 76 kDa**Subcellular
Location:** Cell membrane ,Cytoplasm
Nucleus