

bsm-63216R**[Primary Antibody]**

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SPHK1 Recombinant Rabbit mAb**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 3E7**GeneID:** 8877**SWISS:** Q9NYA1**Target:** SPHK1**Immunogen:** A synthesized peptide derived from human SK 1: 40-75.**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:** Catalyzes the phosphorylation of sphingosine to form sphingosine 1-phosphate (SPP), a lipid mediator with both intra- and extracellular functions. Also acts on D-erythro-sphingosine and to a lesser extent sphinganine, but not other lipids, such as D,L-threo-dihydrosphingosine, N,N-dimethylsphingosine, diacylglycerol, ceramide, or phosphatidylinositol.**Applications:** **WB** (1:500-2000)**Flow-Cyt** (1:20-50)**Reactivity:** Human, Mouse, Rat**Predicted
MW.:** 43 kDa**Subcellular
Location:** Cell membrane ,Cytoplasm
,Nucleus