## bsm-52196R

## [ Primary Antibody ]

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## phospho-RAF1 (Ser621) Recombinant Rabbit mAb

- DATASHEET -

Host: Rabbit Isotype: IgG
Clonality: Recombinant CloneNo.: 8G9
GeneID: 5894 SWISS: P04049

Target: RAF1 (Ser621)

**Immunogen:** KLH conjugated Synthesised phosphopeptide derived from human

RAF1 around the phosphorylation site of Ser621: SA(p-S)EP.

**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: The Raf family of serine/threonine specific kinases is comprised of

three members (aRaf, bRaf, and cRaf) that play a critical role in regulating cell growth and differentiation, and couple growth factor receptor stimulation to nuclear transcription factors via the Ras/mitogen activated protein kinase (MAPK) pathway. cRaf kinase (also known as Raf1) is a small GTPase like kinase of 73 kDa, and is a signal transducer of multiple extracellular stimuli that is regulated by several pathways, and that once activated, phosphorylates MEK which in turn phosphorylates ERK. Raf1 is involved in the transduction of mitogenic signals from the cell membrane to the nucleus. It is part of the Ras dependent signaling

pathway from receptors to the nucleus.

**Applications: WB** (1:500-2000)

Reactivity: Human, Mouse, Rat

Predicted 73 kDa

Subcellular Cell membrane, Cytoplasm

Location: Nucleus