

**bsm-51372M****[ Primary Antibody ]****FGFR1OP2 Mouse mAb**

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**— DATASHEET —****Host:** Mouse**Isotype:** IgG2a**Clonality:** Monoclonal**CloneNo.:** 11B8**GeneID:** 26127**SWISS:** Q9NVK5**Target:** FGFR1OP2**Purification:** affinity purified by Protein G**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:** FGFR1OP2 belongs to the SIKE family. The FGFR1OP2 (FGFR1 oncogene partner 2) gene was identified through its involvement in a fusion with the FGFR1 gene. FGFR1OP2 may be involved in the wound healing pathway. It is expressed in bone marrow, spleen and thymus. A chromosomal aberration involving FGFR1OP2 may be a cause of stem cell myeloproliferative disorder (MPD). Insertion ins(12;8)(p11;p11p22) with FGFR1. MPD is characterized by myeloid hyperplasia, eosinophilia and T cell or B cell lymphoblastic lymphoma. In general it progresses to acute myeloid leukemia. The fusion protein FGFR1OP2-FGFR1 may exhibit constitutive kinase activity and be responsible for the transforming activity.

**Applications:** WB (1:500-2000)**ELISA** (1:5000-10000)**Reactivity:** Human, Mouse, Rat

**Predicted  
MW.:** 29 kDa

**Subcellular  
Location:** Cytoplasm