
FGFR1OP2 Mouse mAb

Catalog Number: bsm-51372M

Target Protein: FGFR1OP2

Concentration: 1mg/ml

Form: Liquid

Host: Mouse

Clonality: Monoclonal

Clone No.: 11B8

Isotype: IgG2a

Applications: WB (1:500-2000), ELISA (1:5000-10000)

Reactivity: Human, Mouse, Rat

Predicted MW: 29 kDa

Entrez Gene: 26127

Swiss Prot: Q9NVK5

Purification: affinity purified by Protein G

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.