

**FGF-16 Antibody (9D6B4), mAb, Mouse****Cat. No.:** A01470-40**Size:** 40 µg**Synonyms:** Mouse anti huFGF-16 mAb; Mouse anti HBGF-16 mAb**Description:**

The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This gene displays oncogenic transforming activity when transfected into mammalian cells. The mouse homolog of this gene exhibits a restricted expression profile predominantly in the myogenic lineage, which suggests a role in muscle regeneration or differentiation.

**Immunogen:** human FGF-16**Host:** Mouse**Antigen Synonyms:** Human**Conjugation:** Unconjugated**Fusion Partner:**

Spleen cells were fused with SP2/0-Ag14 mouse myeloma cells.

**Formulation:**

0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide

**Clone:** 9D6B4**Ig Subclass:** Mouse IgG2b,λ**Specificity:** No cross-reactivity with hFGF-6, hFGF-17, hFGF-18, FGF acidic, FGF basic.**Purification:** Protein A affinity column**Applications:**

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

**ELISA:** 0.05-0.2 µg/ml**Western blot:** 0.1-1.0 µg/ml**Other:** user-optimized**Reconstitution:**

Reconstitute the lyophilized powder with deionized water (or equivalent) to an final concentration of 0.5 mg/ml.

**Storage:**

The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.