

12-9436: Anti-FGFR4 antibody(DMC460); IgG1 Chimeric mAb

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|---------------------------|-------------------------------|
| Clonality : | Monoclonal |
| Clone Name : | DMC460 |
| Application : | FACS |
| Reactivity : | Human |
| Uniprot ID : | P22455 |
| Alternative Name : | CD334; JTK2; TKF |
| Isotype : | Rabbit/Human Fc chimeric IgG1 |

Description

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The protein encoded by this gene is a tyrosine kinase and cell surface receptor for fibroblast growth factors. The encoded protein is involved in the regulation of several pathways; including cell proliferation; cell differentiation; cell migration; lipid metabolism; bile acid biosynthesis; vitamin D metabolism; glucose uptake; and phosphate homeostasis. This protein consists of an extracellular region; composed of three immunoglobulin-like domains; a single hydrophobic membrane-spanning segment; and a cytoplasmic tyrosine kinase domain. The extracellular portion interacts with fibroblast growth factors; setting in motion a cascade of downstream signals; ultimately influencing mitogenesis and differentiation. [provided by RefSeq; Aug 2017]

Product Info

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|----------------------------|---|
| Amount : | 10 µg / 100 µg |
| Purification : | Purified from cell culture supernatant by affinity chromatography |
| Content : | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage condition : | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |

Application Note

FACS 1:100

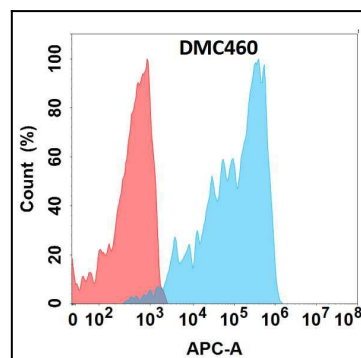


Figure 1. Flow cytometry analysis with Anti-FGFR4 (DMC460) on Expi293 cells transfected with human FGFR4 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).