

## FGFR4 (DMC460) IGG1 CHIMERIC MAB

**Cat.#:** 28236

**Product Name:** Anti-FGFR4(DMC460) IgG1 Chimeric Monoclonal Antibody

**Synonyms:** CD334; JTK2; TKF

**Description:** Anti-FGFR4 antibody(DMC460) IgG1 Chimeric Monoclonal Antibody

**Background:** 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]

**Applications:** Flow Cyt

**Recommended Dilutions:** Flow Cyt 1:100

**Host Species:** Rabbit

**Isotype:** Rabbit:Human Fc chimeric IgG1

**Purification:** Purified from cell culture supernatant by affinity chromatography

**Species Reactivity:** Human FGFR4

**Constituents:** Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.

**Storage & Shipping:** Store at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$  for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at  $-80^{\circ}\text{C}$  (Avoid repeated freezing and thawing).

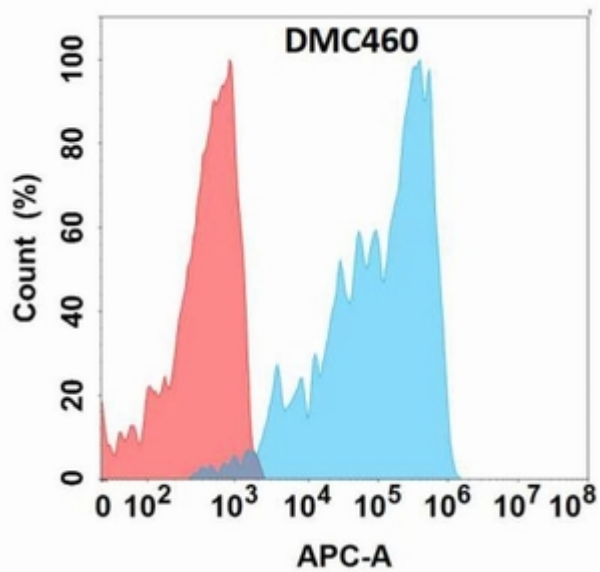


Figure 1. Flow cytometry analysis with Anti-FGFR4 (DMC460) on Expi293 cells transfected with human FGFR4 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).