

**PRODUCT INFORMATION**

<b>Clone ID</b>	DMC460
<b>Target</b>	FGFR4
<b>Synonyms</b>	CD334; JTK2; TKF
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-FGFR4 antibody(DMC460); IgG1 Chimeric mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P22455
<b>IgG type</b>	Rabbit/Human Fc chimeric IgG1
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	Flow Cyt
<b>Recommended Dilutions</b>	Flow Cyt 1:100
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Formulation &amp; Reconstitution</b>	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.
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	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]
<b>Usage</b>	Research use only



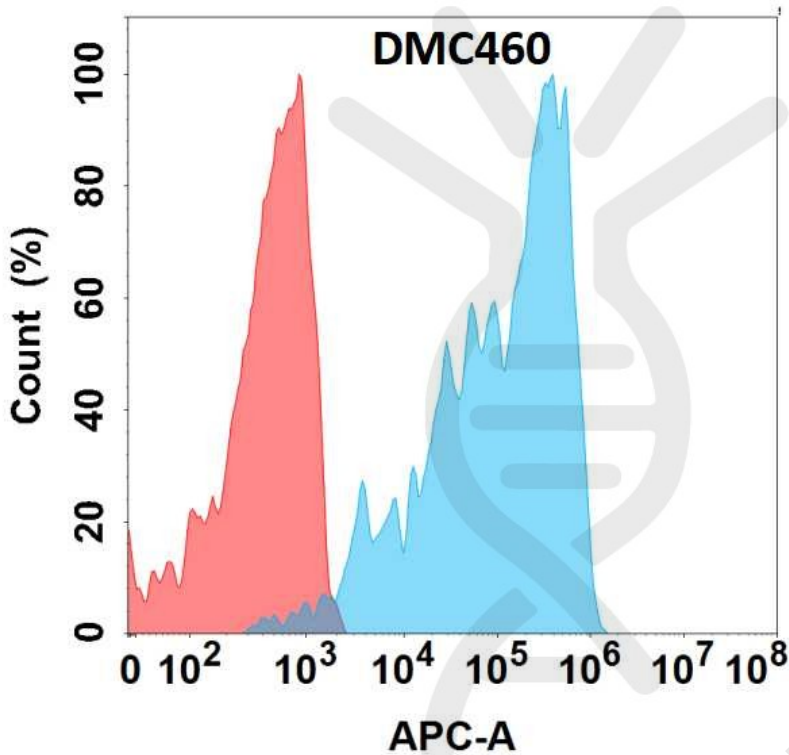


Figure 1. Flow cytometry analysis with Anti-FGFR4 (DMC460) on Expi293 cells transfected with human FGFR4 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

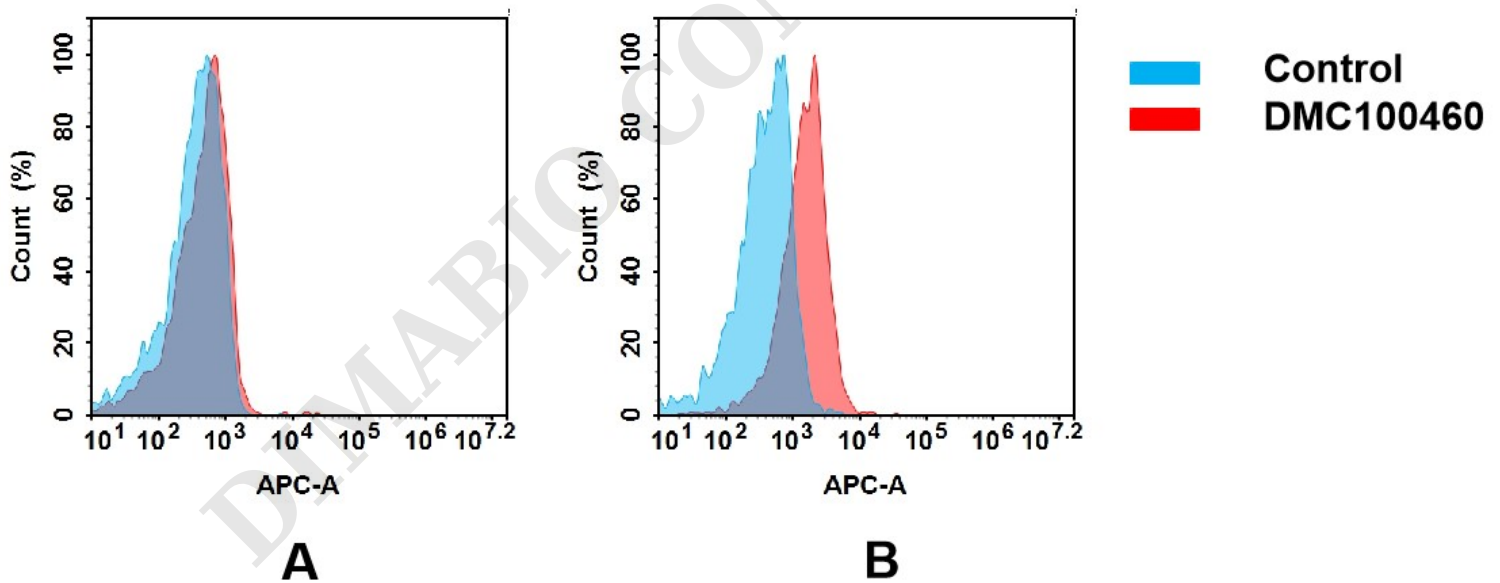


Figure 2. Flow cytometry analysis of antigen binding of anti-human FGFR4 mAb(DMC100460).

(A) DMC100460 does not bind to SiHa cells that do not express FGFR4.

(B) A clear peak shift of DMC100460 was seen compared to the control when incubated with FGFR4-expressing Huh7 cells, indicating strong binding of DMC100460 to FGFR4. Antibodies were incubated at 5  $\mu$ g/mL.

