

CD117 (DMC446) IGG1 CHIMERIC MAB

货号: 28234

产品全名: CD117(DMC446) IgG1 Chimeric 单抗

基因符号 C-Kit; CD117; MASTC; PBT; SCFR; KIT

描述: CD117 antibody(DMC446) IgG1 Chimeric 单抗

背景: This gene encodes a receptor tyrosine kinase. This gene was initially identified as a homolog of the feline sarcoma viral oncogene v-kit and is often referred to as proto-oncogene c-Kit. The canonical form of this glycosylated transmembrane protein has an N-terminal extracellular region with five immunoglobulin-like domains; a transmembrane region; and an intracellular tyrosine kinase domain at the C-terminus. Upon activation by its cytokine ligand; stem cell factor (SCF); this protein phosphorylates multiple intracellular proteins that play a role in the proliferation; differentiation; migration and apoptosis of many cell types and thereby plays an important role in hematopoiesis; stem cell maintenance; gametogenesis; melanogenesis; and in mast cell development; migration and function. This protein can be a membrane-bound or soluble protein. Mutations in this gene are associated with gastrointestinal stromal tumors; mast cell disease; acute myelogenous leukemia; and piebaldism. Multiple transcript variants encoding different isoforms have been found for this gene.

经过测试的应用: Flow Cyt

推荐稀释比: Flow Cyt 1:100

种属反应性: Rabbit

亚型: Rabbit:Human Fc chimeric IgG1

纯化: Purified from cell culture supernatant by affinity chromatography

种属反应性: 人 CD117

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

储存和运输: 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).

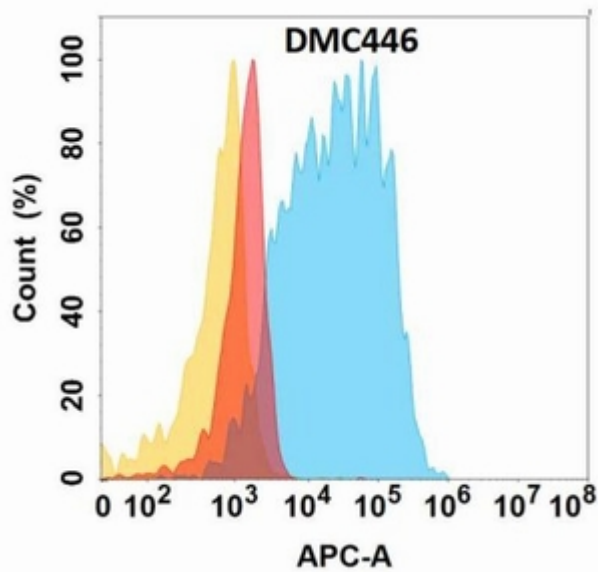


Figure 1. Flow cytometry analysis with Anti-CD117 (DMC446) on Expi293 cells transfected with human CD117 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).