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12-9474: Anti-HBEGF antibody(DMC500); IgG1 Chimeric mAb

Clonality: Monoclonal
Clone Name: DMC500
Application: FACS
Reactivity: Human
Uniprot ID: Q99075

Alternative Name: DTR; DTS; DTSF; HEGFL

Isotype: Rabbit/Human Fc chimeric IgG1

Description

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Growth factor that mediates its effects via EGFR; ERBB2 and ERBB4. Required for normal cardiac valve formation and normal heart function. Promotes smooth muscle cell proliferation. May be involved in macrophage-mediated cellular proliferation. It is mitogenic for fibroblasts; but not endothelial cells. It is able to bind EGF receptor:EGFR with higher affinity than EGF itself and is a far more potent mitogen for smooth muscle cells than EGF. Also acts as a diphtheria toxin receptor.[UniProtKB:Swiss-Prot Function]

Product Info

Amount : $10 \mu g / 100 \mu g$

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.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended

Storage condition: 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

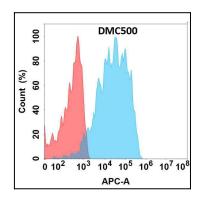


Figure 1. Flow cytometry analysis with Anti-HBEGF(DMC500) on Expi293 cells transfected with human HBEGF (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).