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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

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

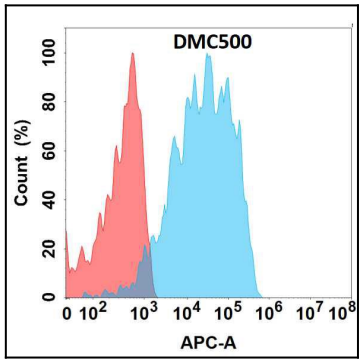


Figure 1. Flow cytometry analysis with Anti-HBEGF(DMC500) on Expi293 cells transfected with human HBEGF (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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