

## Datasheet for ABIN7608244 **anti-HBEGF antibody (Biotin)**



[Go to Product page](#)

### Overview

Quantity:	10 µg
Target:	HBEGF
Reactivity:	Human
Host:	Human, Rabbit
Clonality:	Chimeric
Conjugate:	This HBEGF antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS)

### Product Details

Purpose:	Biotinylated Anti-HBEGF antibody(DMC500), IgG1 Chimeric mAb
Clone:	DMC500
Isotype:	IgG1
Purification:	Purified from cell culture supernatant by affinity chromatography

### Target Details

Target:	HBEGF
Alternative Name:	HBEGF ( <a href="#">HBEGF Products</a> )
Background:	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

## Target Details

---

and is a far more potent mitogen for smooth muscle cells than EGF. Also acts as a diphtheria toxin receptor.[UniProtKB:Swiss-Prot Function]

UniProt: [Q99075](#)

Pathways: [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#)

## Application Details

---

Application Notes: Flow Cyt 1:100

Restrictions: For Research Use only

## Handling

---

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: 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.

Expiry Date: 12 months