

Datasheet for ABIN7607947 **anti-Amphiregulin antibody**



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Overview

Quantity:	10 µg
Target:	Amphiregulin (AREG)
Reactivity:	Human
Host:	Human, Rabbit
Clonality:	Chimeric
Conjugate:	This Amphiregulin antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	Anti-AREG antibody(1B12), IgG1 Chimeric mAb
Clone:	1B12
Isotype:	IgG1
Purification:	Purified from cell culture supernatant by affinity chromatography

Target Details

Target:	Amphiregulin (AREG)
Alternative Name:	AREG (AREG Products)
Background:	<p>The protein encoded by this gene is a member of the epidermal growth factor family. It is an autocrine growth factor as well as a mitogen for astrocytes, Schwann cells and fibroblasts. It is related to epidermal growth factor (EGF) and transforming growth factor alpha (TGF-alpha).</p> <p>The protein interacts with the EGF/TGF-alpha receptor to promote the growth of normal</p>

Target Details

epithelial cells, and it inhibits the growth of certain aggressive carcinoma cell lines. It also functions in mammary gland, oocyte and bone tissue development. This gene is associated with a psoriasis-like skin phenotype, and is also associated with other pathological disorders, including various types of cancers and inflammatory conditions. [provided by RefSeq, Apr 2014]

UniProt: [P15514](#)

Pathways: [RTK Signaling](#), [EGFR 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