

# Amphiregulin antibody



Catalog Number: 108005

## Product name

Amphiregulin antibody

## Immunogen

[Human AREG Recombinant protein \(GST tag\)](#)

## Specificity

Human; other species not tested.

## Antibody description

Amphiregulin Rabbit Polyclonal antibody. Positive FC detected in HeLa cells. Positive IF detected in Hela cells. Positive IHC detected in human colon cancer tissue, human breast cancer tissue, human colon tissue, human skin tissue. Positive WB detected in MCF7 cells, HepG2 cells. Positive IP detected in HepG2 cells. Observed molecular weight by Western-blot: 28-50 kDa

## Preparation

This antibody was obtained by immunization of Amphiregulin recombinant protein (Accession Number: NM\_001657). Purification method: Antigen affinity purified.

## Formulation

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

## Storage

Store at -20°C. DO NOT ALIQUOT

## Clonality

Polyclonal

## Ig Type

Rabbit IgG

## Applications

ELISA, IF, WB, IHC, FC, IP

## Dilutions

Recommended Dilution:

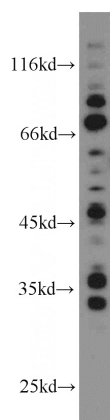
WB: 1:1000-1:10000

IP: 1:1000-1:10000

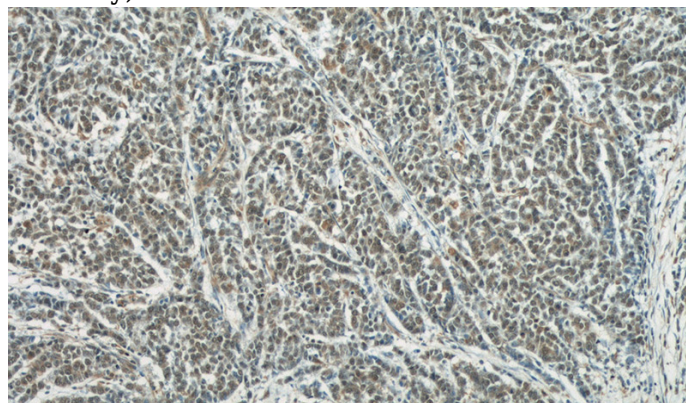
IHC: 1:20-1:200

IF: 1:10-1:100

## Validations



MCF7 cells were subjected to SDS PAGE followed by western blot with Catalog No:108005(AREG antibody) at dilution of 1:2000

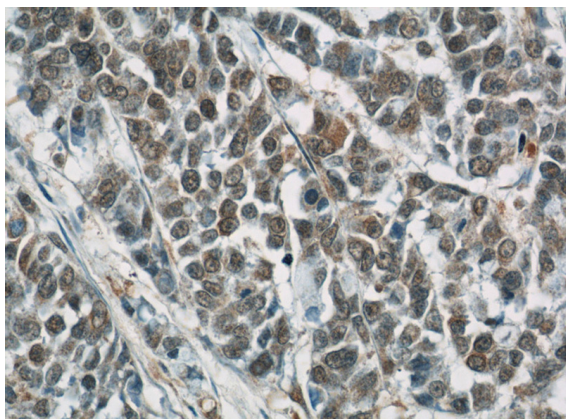


Immunohistochemical of paraffin-embedded human colon cancer using Catalog No:108005(AREG antibody) at dilution of 1:50 (under 10x lens)

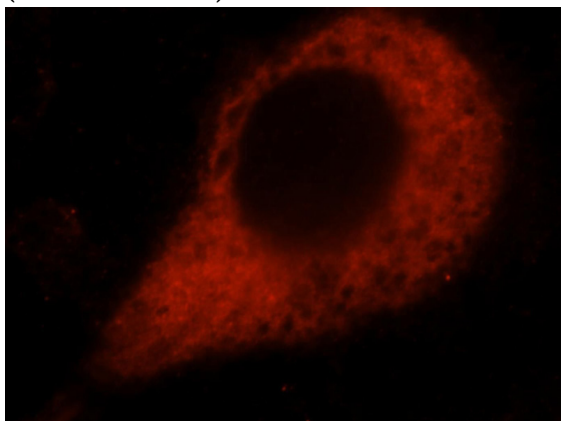
# Amphiregulin antibody



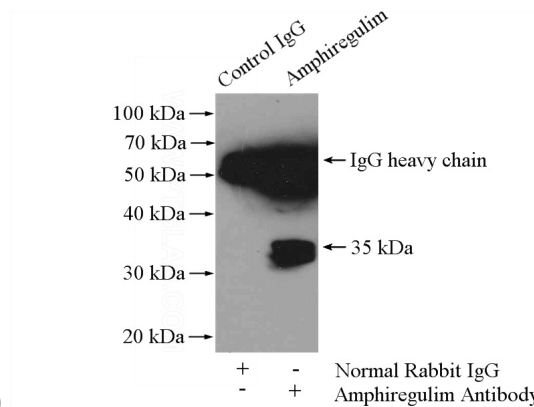
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Immunohistochemical of paraffin-embedded human colon cancer using Catalog No:108005(AREG antibody) at dilution of 1:50 (under 40x lens)

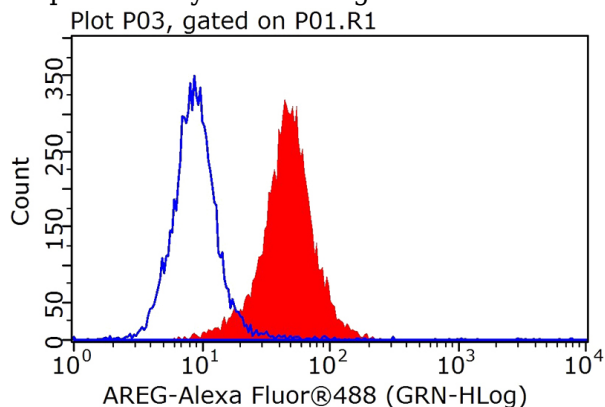


Immunofluorescent analysis of HeLa cells, using AREG antibody Catalog No:108005 at 1:25 dilution and Rhodamine-labeled goat anti-rabbit



IgG (red).

IP Result of anti-AREG (IP:Catalog No:108005, 4ug; Detection:Catalog No:108005 1:2000) with HepG2 cells lysate 3600ug.



1X10<sup>6</sup> HeLa cells were stained with .2ug AREG antibody (Catalog No:108005, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). FITC-Goat anti-Rabbit IgG with dilution 1:100.