

Datasheet for ABIN7428263
anti-Amphiregulin antibody (AA 20-100)[Go to Product page](#)

7 Images

Overview

Quantity:	100 µL
Target:	Amphiregulin (AREG)
Binding Specificity:	AA 20-100
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Amphiregulin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Amphiregulin (AREG)
Immunogen:	Recombinant Amphiregulin (AREG) corresponding to Ser20~Asp100 with N-terminal His and GST Tag
Clone:	A5
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against AREG. It has been selected for its ability to recognize AREG in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	Amphiregulin (AREG)
Alternative Name:	Amphiregulin (AREG Products)
Background:	AR, CRDGF, SDGF, Colorectum Cell-Derived Growth Factor, Schwannoma-Derived Growth Factor
Pathways:	RTK Signaling , EGFR Signaling Pathway

Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-30 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-30 µg/mL Immunohistochemistry in paraffin section: 5-30 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

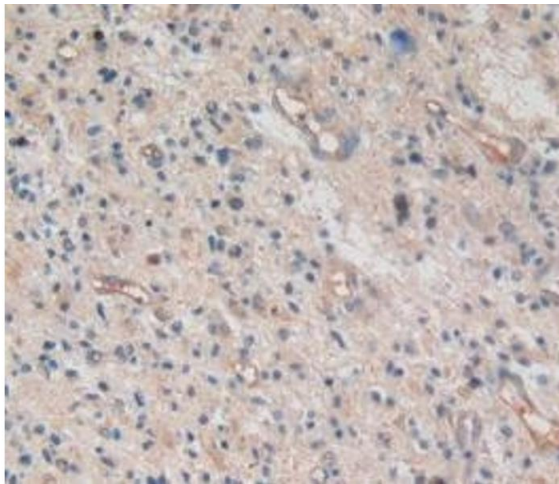
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



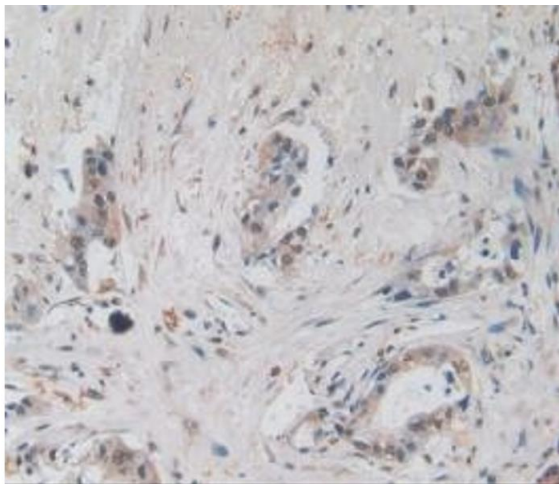
Western Blotting

Image 1. Detection of AREG in Human MCF7 cell lysate using Monoclonal Antibody to Amphiregulin (AREG)



Immunohistochemistry

Image 2. Detection of AREG in Human Glioma Tissue using Monoclonal Antibody to Amphiregulin (AREG)



Immunohistochemistry

Image 3. Detection of AREG in Human Pancreas Cancer Tissue using Monoclonal Antibody to Amphiregulin (AREG)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7428263.