



[Go to Product page](#)

Datasheet for ABIN7426286
anti-HBEGF antibody (AA 21-160)

2 Images

Overview

Quantity:	100 µL
Target:	HBEGF
Binding Specificity:	AA 21-160
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HBEGF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Heparin Binding Epidermal Growth Factor Like Growth Factor (HBEGF)
Immunogen:	Recombinant Heparin Binding Epidermal Growth Factor Like Growth Factor (HBEGF) corresponding to Val21~Thr160
Clone:	C3
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against HBEGF. It has been selected for its ability to recognize HBEGF in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	HBEGF
Alternative Name:	Heparin Binding Epidermal Growth Factor Like Growth Factor (HBEGF Products)
Background:	HB-EGF, DTR, DTS, DTSF, HEGFL, Diphtheria Toxin Receptor, Proheparin-binding EGF-like growth factor, Diphtheria toxin receptor
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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

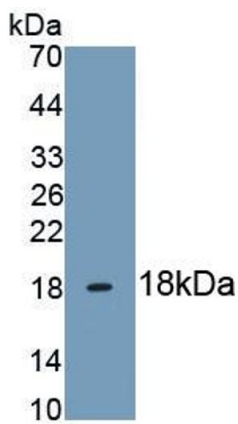
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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 HBEGF in Porcine Cerebrum lysate using Monoclonal Antibody to Heparin Binding Epidermal Growth Factor Like Growth Factor (HBEGF)



Western Blotting

Image 2. Detection of Recombinant HBEGF, Human using Monoclonal Antibody to Heparin Binding Epidermal Growth Factor Like Growth Factor (HBEGF)