antibodies - online.com







anti-EGF antibody (AA 974-1026)



Images



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Quantity:	100 μL	
Target:	EGF	
Binding Specificity:	AA 974-1026	
Reactivity:	Rat	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This EGF antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)	

Product Details

Purpose:	Monoclonal Antibody to Epidermal Growth Factor (EGF)	
Immunogen:	Recombinant Epidermal Growth Factor (EGF) corresdonding to Asn974~Arg1026 with N-terminal His and GST Tag	
Clone:	C5	
Isotype:	IgG1 kappa	
Specificity:	The antibody is a mouse monoclonal antibody raised against EGF. It has been selected for its ability to recognize EGF in immunohistochemical staining and western blotting.	
Cross-Reactivity:	Human	
Purification:	Protein A + Protein G affinity chromatography	

Target Details

Storage Comment:

Expiry Date:

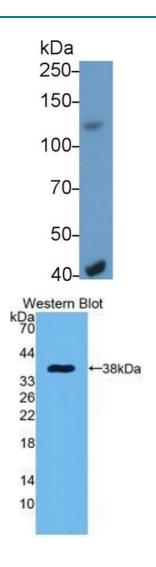
Target:	EGF	
Alternative Name:	Epidermal Growth Factor (EGF Products)	
Background:	URG, Beta-Urogastrone, Pro-epidermal growth factor	
Pathways:	NF-kappaB Signaling, RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Regulation of Carbohydrate Metabolic Process, Hepatitis C, Protein targeting to Nucleus, Interaction of EGFR with phospholipase C-gamma, Thromboxane A2 Receptor Signaling, EGFR Downregulation	

	Thromboxane A2 Receptor Signaling, EGFR Downregulation
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

detectable loss of activity. Avoid repeated freeze-thaw cycles.

24 months

Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without

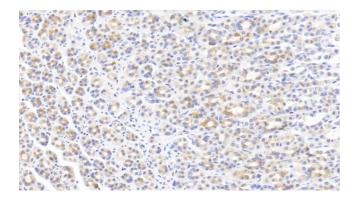


Western Blotting

Image 1. Detection of EGF in HepG2 cell lysate using Monoclonal Antibody to Epidermal Growth Factor (EGF)

Western Blotting

Image 2. Detection of Recombinant EGF, Rat using Monoclonal Antibody to Epidermal Growth Factor (EGF)



Immunohistochemistry

Image 3. Detection of EGF in Rat Stomach Tissue using Monoclonal Antibody to Epidermal Growth Factor (EGF)

Please check the product details page for more images. Overall 5 images are available for ABIN7427390.