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Datasheet for ABIN465058 anti-EGF antibody

3 Images

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Overview

Quantity:	100 µg
Target:	EGF
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This EGF antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Neutralization (Neut)
Product Details	
Immunogen:	E.coli derived recombinant Murine EGF.
	Type of Immunogen: Cell extract
Specificity:	Mouse EGF
Purification:	Immunoaffinity purified
Target Details	
Target:	EGF
Alternative Name:	EGF (EGF Products)
Background:	Name/Gene ID: EGF

Synonyms: EGF, Beta-urogastrone, HOMG4, URG, Epidermal growth factor, Pro-epidermal

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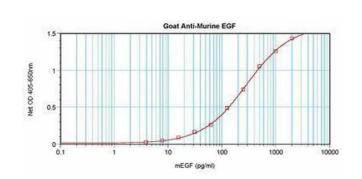
Target Details

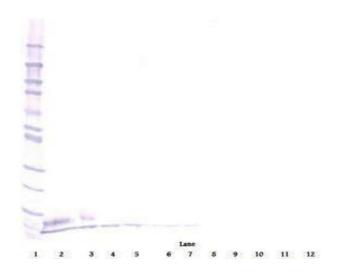
	growth factor
Gene ID:	1950
UniProt:	P01133
Pathways:	NF-kappaB Signaling, RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Regulation of Carbohydrate Metabolic Process, Hepatitis C, Protein targeting to Nucleus, Interaction of EGFR with phospholipase C-gamma, Thromboxane A2 Receptor Signaling, EGFR Downregulation
Application Details	
Application Notes:	Approved: ELISA (0.5 - 2 µg/mL), Neut, WB
	Usage: Neutralization: To yield one-half maximal inhibition [ND] of the biological activity of Murine EGF (0.1 ng/mL), a concentration of 3-5 ng/mL of this antibody is required. ELISA: To detect mEGF by sandwich ELISA (using 100 μ L/well antibody solution) a concentration of 0.5-2 μ g/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Murine EGF (LS-C104401) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant mEGF. Western Blot: To detect mEGF by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 μ g/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant mEGF is 1.5-3 ng/lane, under either reducing or non-reducing conditions.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Sterile water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS, pH 7.2
Handling Advice:	Avoid freeze/thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Store Lyophilized at room temperature up to 1 month

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Avoid freeze/thaw cycles.

Images





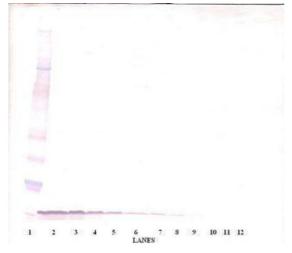


Image 1.

Image 2.

Image 3.

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