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## Datasheet for ABIN952076 anti-EMG1 antibody (Middle Region)

2 Images



### Overview

Quantity:	0.4 mL
Target:	EMG1
Binding Specificity:	AA 111-140, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EMG1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

## Product Details

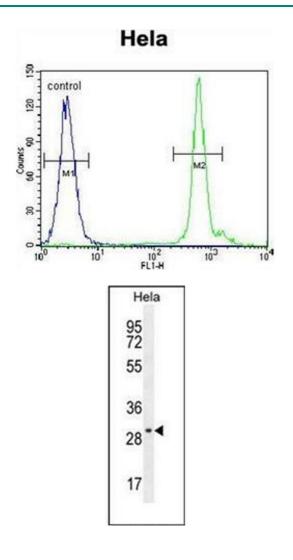
Immunogen:	KLH conjugated synthetic peptide between 111-140 amino acids from the Central region of Human EMG1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human EMG1 / C2F (Center).
Purification:	Affinity Chromatography on Protein A

## Target Details

Target:	EMG1
Alternative Name:	EMG1 / C2F (EMG1 Products)
Background:	This gene encodes an essential, conserved eukaryotic protein involved in ribosome biogenesis.

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	In yeast, the related protein is a component of the small subunit processome and is essential
	for biogenesis of the ribosomal 40S subunit. A mutation in this gene has been associated with
	Bowen-Conradi syndrome.Synonyms: 18S rRNA (pseudouridine-N1-)-methyltransferase NEP1,
	18S rRNA Psi1248 methyltransferase, NEP1, Nucleolar protein EMG1 homolog, Ribosomal RNA
	small subunit methyltransferase NEP1, Ribosome biogenesis protein NEP1
Molecular Weight:	26720 Da
Gene ID:	10436
NCBI Accession:	NP_006322
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



#### **Flow Cytometry**

**Image 1.** Flow cytometric analysis of Hela cells using EMG1 / C2F Antibody (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### Western Blotting

**Image 2.** Western blot analysis of EMG1 / C2F Antibody in Hela cell line lysates (35ug/lane). This demonstrates the EMG1 antibody detected the EMG1 protein (arrow).

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