

**Product Name: Ribosomal protein S10 Rabbit  
Monoclonal Antibody  
Catalog #: AMRe87782**

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## Summary

<b>Production Name</b>	Ribosomal protein S10 Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB, IHC-P, ICC/IF, FC
<b>Reactivity</b>	Human, Mouse, Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	Ribosomal protein S10
<b>Alternative Names</b>	S10; DBA9
<b>Gene ID</b>	6204
<b>SwissProt ID</b>	P46783.

## Application

<b>Dilution Ratio</b>	WB: 1:1000-1:5000 IHC-P: 1:50-1:100 ICC/IF: 1:200-1:500 FC: 1:200-1:1000
<b>Molecular Weight</b>	Calculated MW:19 kDa; Observed MW:19 kDa

## Background

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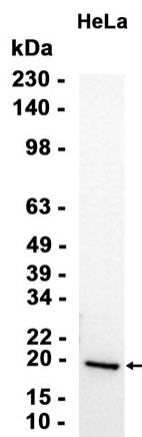
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Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S10E family of ribosomal proteins. It is located in the cytoplasm. Variable expression of this gene in colorectal cancers compared to adjacent normal tissues has been observed, although no correlation between the level of expression and the severity of the disease has been found. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternate splicing results in multiple transcript variants that encode the same protein. Naturally occurring read-through transcription occurs between this locus and the neighboring locus NUDT3 (nudix (nucleoside diphosphate linked moiety X)-type motif 3).[provided by RefSeq, Feb 2011]

## Research Area

## Image Data



Western blot analysis of extracts from HeLa cells using AMRe87782 at 1:3000.

## Note

For research use only.