

Datasheet for ABIN4908699

**anti-Density Regulated Protein antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Density Regulated Protein (DENR)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Density Regulated Protein antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc))

## Product Details

Immunogen:	This DENR antibody is generated from a mouse immunized with a recombinant protein of human DENR.
Clone:	2C9
Isotype:	IgG2b
Cross-Reactivity:	Human
Purification:	Purified by Protein G.

## Target Details

Target:	Density Regulated Protein (DENR)
Alternative Name:	DENR ( <a href="#">DENR Products</a> )

## Target Details

Background:	<p>Synonyms: DRP, DRP1, SMAP-3, Density-regulated protein, Protein DRP1, Smooth muscle cell-associated protein 3, DENR, H14</p> <p>Background: May be involved in the translation of target mRNAs by scanning and recognition of the initiation codon. Involved in translation initiation, promotes recruitment of aminoacylated initiator tRNA to P site of 40S ribosomes. Can promote release of deacylated tRNA and mRNA from recycled 40S subunits following ABCE1-mediated dissociation of post-termination ribosomal complexes into subunits. Plays a role in the modulation of the translational profile of a subset of cancer-related mRNAs when recruited to the translational initiation complex by the oncogene MCTS1.</p>
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Gene ID:	8562
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UniProt:	<a href="#">O43583</a>
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## Application Details

Application Notes:	WB 1:300-5000 FCM 1:20-100 IHC-P 1:200-400 IF(ICC) 1:50-200 IF()
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	0.5 µg/µL
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Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
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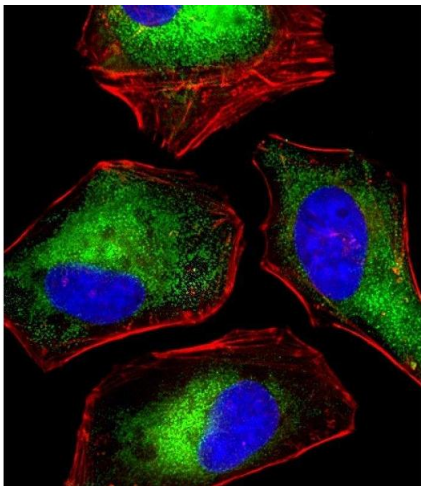
Preservative:	ProClin
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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
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Storage:	-20 °C
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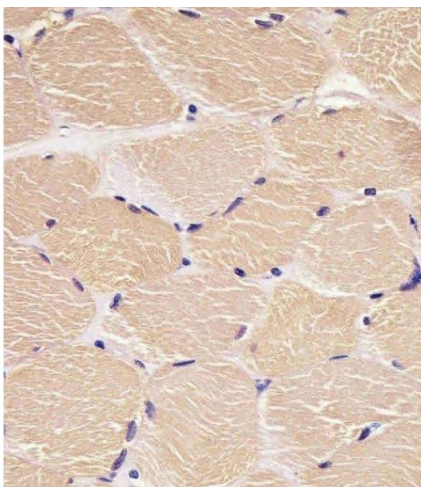
Storage Comment:	Store at -20°C for 12 months.
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Expiry Date:	12 months
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**Immunofluorescence (Cultured Cells)**

**Image 1.** Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa cells labeled with DENR (1542CT106.51.79) Monoclonal Antibody (bsm-51318M) at 1/25 dilution, followed by secondary antibody (green), cytoplasmic actin staining (red), and nuclear counter stain with DAPI (blue).



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 2.** Paraformaldehyde-fixed, paraffin embedded human skeletal muscle tissue, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 15 minutes, Blocking buffer (3% BSA) at room temperature for 30min, Antibody incubation with DENR (1542CT106.51.79) Monoclonal Antibody (bsm-51318M) at 1:25 for 1 hour at 37°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.