

Datasheet for ABIN1169440

anti-RPS3 antibody**1** Image[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	RPS3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant human ribosomal protein S3.
Clone:	RP159-1
Isotype:	IgG1
Specificity:	Recognizes human ribosomal protein S3. Detects a band of ~32 kDa by Western blot.
Cross-Reactivity:	Human
Sterility:	0.2 µm filtered

Target Details

Target:	RPS3
Alternative Name:	Ribosomal Protein S3 (RPS3 Products)
Background:	RpS3 is a component of the 40S ribosomal subunit and is an essential but previously unknown subunit of NF-kappaB involved in the regulation of key genes in rapid cellular activation

Target Details

responses. RpS3 interacts with nm23-H1. The expression of rpS3 reduces the secretion of MMP-9 and the invasive metastatic potential in HT1080 cells. The phosphorylated ERK is reduced by the expression of rpS3.

UniProt: [P23396](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

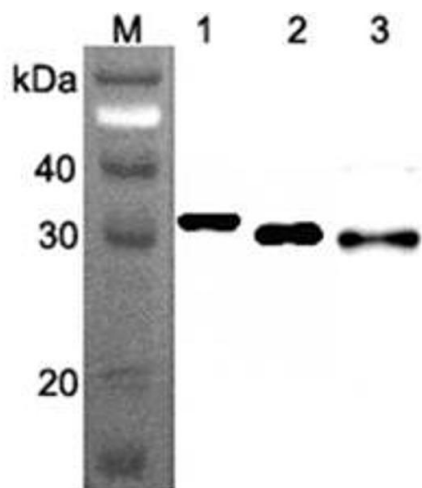
Buffer: 0.2µm-filtered solution in PBS, pH 7.4. Contains no preservatives.

Preservative: Without preservative

Storage: 4 °C,-20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Stable for at least 1 year after receipt when stored at -20°C.

Expiry Date: 12 months



Western Blotting

Image 1. Western blot analysis using anti-Ribosomal Protein S3 (human), mAb (RP159-1) at 1:500 dilution. 1: Human RPS3. 2: HepG2 cell lysate (70µg). 3: HEK 293 cell lysate (70µg).