antibodies

Datasheet for ABIN652222 anti-Sestrin 2 antibody (AA 283-311)

2 Images



Overview

Quantity:	400 µL
Target:	Sestrin 2 (SESN2)
Binding Specificity:	AA 283-311
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Sestrin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This Sestrin-2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 283-311 amino acids from the Central region of human Sestrin-2.
Clone:	RB18603
lsotype:	Ig Fraction
Predicted Reactivity:	Μ
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

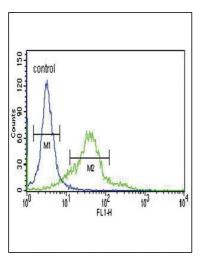
Target:

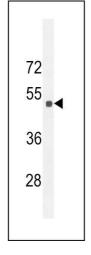
Sestrin 2 (SESN2)

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Target Details	
Alternative Name:	Sestrin-2 (SESN2 Products)
Background:	SESN2 is a member of the sestrin family of PA26-related proteins. The protein may function in the regulation of cell growth and survival. This protein may be involved in cellular response to different stress conditions.
Molecular Weight:	54494
Gene ID:	83667
NCBI Accession:	NP_113647
UniProt:	P58004
Application Details	
Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

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Flow Cytometry

Image 1. Sestrin-2 Antibody (Center) (ABIN652222 and ABIN2840929) flow cytometric analysis of 293 cells (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 Sestrin-2 Antibody (Center) (ABIN652222 and ABIN2840929) in 293 cell line lysates (35 µg/lane). Sestrin-2 (arrow) was detected using the purified Pab..

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