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# Datasheet for ABIN7271323 anti-Villin 1 antibody

2 Images



#### Overview

Our and the se	100
Quantity:	100 μL
Target:	Villin 1 (VIL1)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Villin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

### Product Details

Purpose:	Villin1 Rabbit mAb
Immunogen:	A synthesized peptide derived from human Villin1
Isotype:	lgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	Villin 1 (VIL1)
Alternative Name:	VIL1 (VIL1 Products)
Background:	This gene encodes a member of a family of calcium-regulated actin-binding proteins. This

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### Target Details

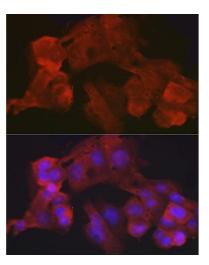
Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Application Details	
Pathways:	EGFR Signaling Pathway, Regulation of Actin Filament Polymerization
UniProt:	P09327
Gene ID:	7429
Molecular Weight:	93kDa
	terminal exon. [provided by RefSeq, Jul 2008],D2S1471, VIL,Cell Biology & Developmental Biology,Cytoskeleton,Cytoskeleton_Microfilaments,Signal Transduction,VIL1
	observed, they result from utilization of alternate poly-adenylation signals present in the
	capping, severing, and bundling of actin filaments. Two mRNAs of 2.7 kb and 3.5 kb have been
	protein represents a dominant part of the brush border cytoskeleton which functions in the

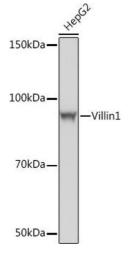
### Handling

Restrictions:

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

For Research Use only





#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of HepG2 cells using Villin1 Rabbit mAb (ABIN7271323) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

#### Western Blotting

**Image 2.** Western blot analysis of extracts of HepG2 cells, using Villin1 Rabbit mAb (ABIN7271323) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 1s.

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