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Datasheet for ABIN5542404
anti-Villin 1 antibody (AA 1-209)

5 Images

Overview

Quantity:	0.1 mg
Target:	Villin 1 (VIL1)
Binding Specificity:	AA 1-209
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Villin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Purified recombinant fragment of human VIL1 (AA: 1-209) expressed in E. coli.
Clone:	5E3B2
Isotype:	IgG2b
Purification:	purified

Target Details

Target:	Villin 1 (VIL1)
Alternative Name:	VIL1 (VIL1 Products)
Background:	Description: This gene encodes a member of a family of calcium-regulated actin-binding proteins. This protein represents a dominant part of the brush border cytoskeleton which

Target Details

functions in the capping, severing, and bundling of actin filaments. Two mRNAs of 2.7 kb and 3.5 kb have been observed, they result from utilization of alternate poly-adenylation signals present in the terminal exon.

Aliases: VIL, D2S1471

Molecular Weight: 92.7 kDa

Gene ID: 7429

HGNC: 7429

Pathways: [EGFR Signaling Pathway](#), [Regulation of Actin Filament Polymerization](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

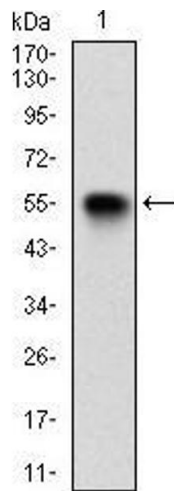
Buffer: Purified antibody in PBS with 0.05 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

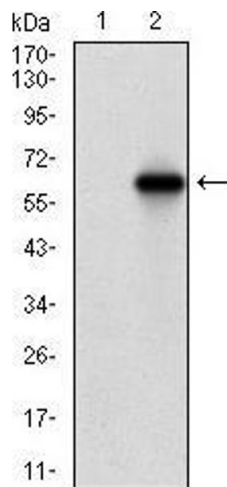
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



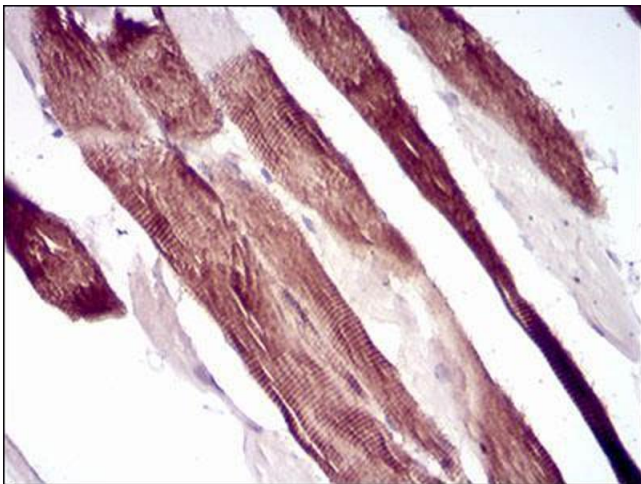
Western Blotting

Image 1. Western blot analysis using VIL1 mAb against human VIL1 (AA: 1-209) recombinant protein. (Expected MW is 49.4 kDa)



Western Blotting

Image 2. Western blot analysis using VIL1 mAb against HEK293 (1) and VIL1 (AA: 1-209)-hlgGfc transfected HEK293 (2) cell lysate.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded muscle tissues using VIL1 mouse mAb with DAB staining.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5542404.