

## Villin Mouse Monoclonal Antibody(2C9)

Catalog TDY861C TDY861F

Quantity 50μL 100μL

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Web: [www.tdybio.com](http://www.tdybio.com)

Entrez-Gene ID:7429, Swiss-Prot Acc.P09327

**For research use only.**

Applications	Species	Cross-Reactivity	Molecular Weight	Isotype
WB, IHC		H, M, R	93KD	IgG1

**Storage Buffer & Condition:** PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.  
Store at **-20°C. Do not aliquot the antibody.**

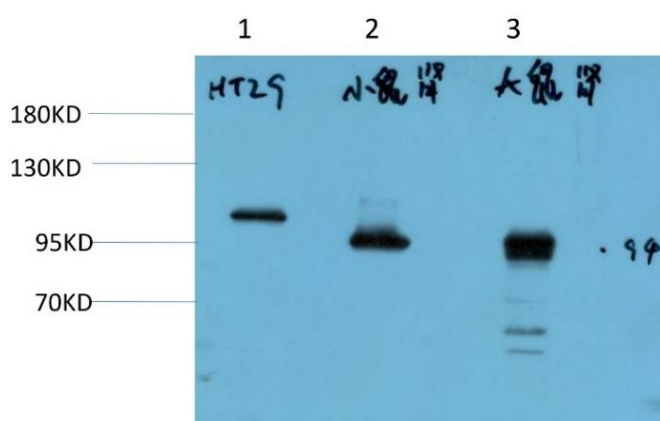
**Recommended dilutions:** WB 1:500-2,000 IHC: 1:100~200

**Optimal dilutions should be determined by the end user.**

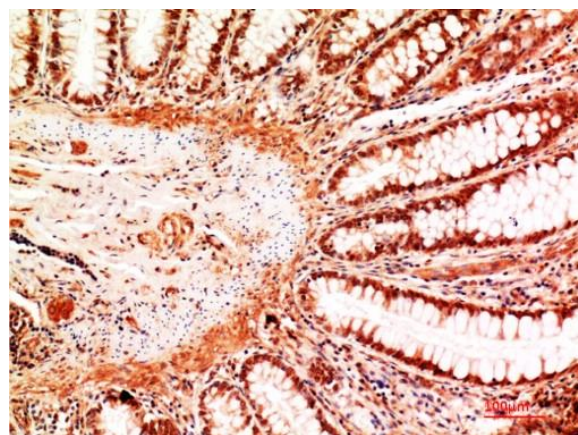
**Specificity:** The antibody detects endogenous Villin proteins.

**Alternative Names:** VIL1, VIL, Villin-1

**Background:** villin 1(VIL1) Homo sapiens 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 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.



Western blot analysis of 1)HT-29 Cell, 2) Mouse Kidney Tissue, 3) Rat Kidney Tissue Lysate using Villin (TDY861) Mouse mAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Colon Carcinoma Tissue using Villin (TDY861) Mouse monoclonal antibody diluted at 1:200.