

# Villin Mouse Monoclonal Antibody(2C9)

## Catalog No: RA10288

### Basic Information

Host species	Mouse
Applications	WB, IHC
Species Cross-Reactivity	H, M, R
Specificity	The antibody detects endogenous Villin proteins.
Recommended dilutions	WB 1:500-2,000 IHC: 1:100~200 Optimal dilutions should be determined by the end user.

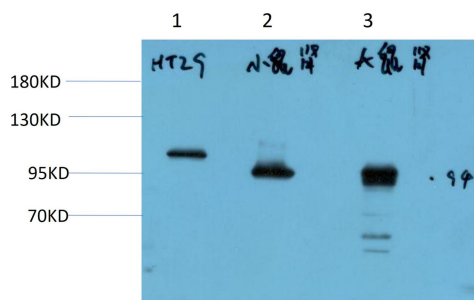
### Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

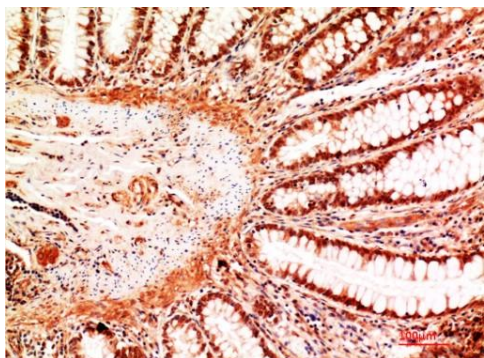
### Background

Alternative Names	VIL1, VIL, Villin-1
Observed band	93
Human Gene ID	7429
Human Swiss-Prot Number	.P09327
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.

## Selected Validation Data



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



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