

Product datasheet for **TA803236S**

Villin (VIL1) Mouse Monoclonal Antibody [Clone ID: OTI3B3]

Product data:

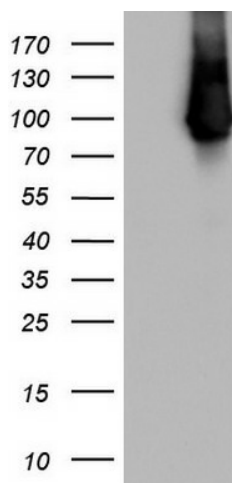
Product Type:	Primary Antibodies
Clone Name:	OTI3B3
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-188 of human VIL1 (NP_009058) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	92.5 kDa
Gene Name:	villin 1
Database Link:	NP_009058 Entrez Gene 22349 Mouse Entrez Gene 316521 Rat Entrez Gene 7429 Human P09327
Background:	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. [provided by RefSeq, Jul 2008]



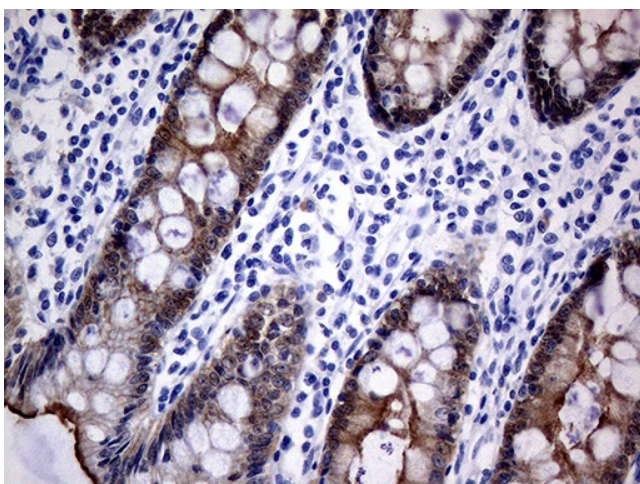
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Synonyms: D2S1471; VIL

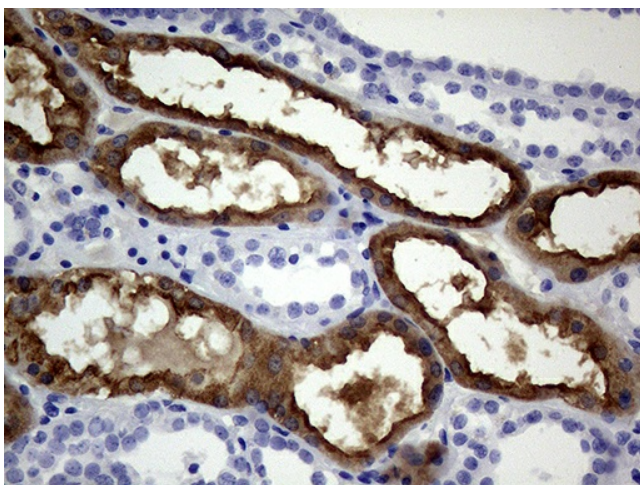
Product images:



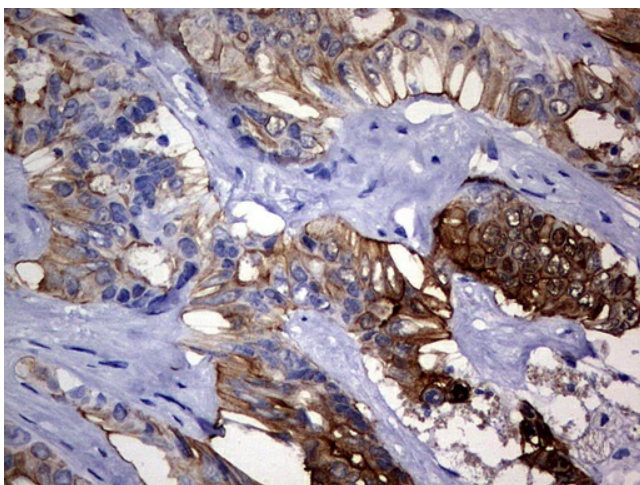
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY VIL1 (Cat# [RC216340], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-VIL1 (Cat# [TA803236]). Positive lysates [LY416173] (100ug) and [LC416173] (20ug) can be purchased separately from OriGene.



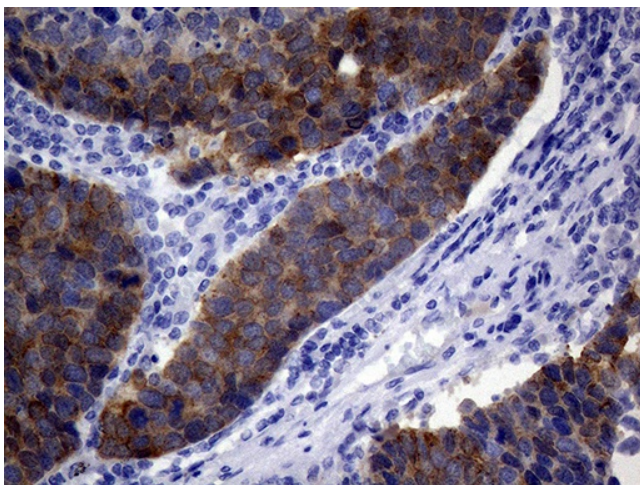
Immunohistochemical staining of paraffin-embedded Human colon tissue using anti-VIL1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3min) ([TA803236]) (1:100)



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-VIL1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3min, [TA803236]) (1:100)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-VIL1 mouse monoclonal antibody. ([TA803236]) Dilution: 1:150



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-VIL1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3min, [TA803236]) (1:100)