

Product datasheet for **TA505824AM**

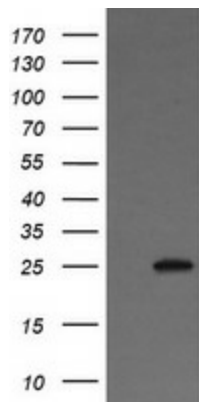
VTI1A Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1F4]

Product data:

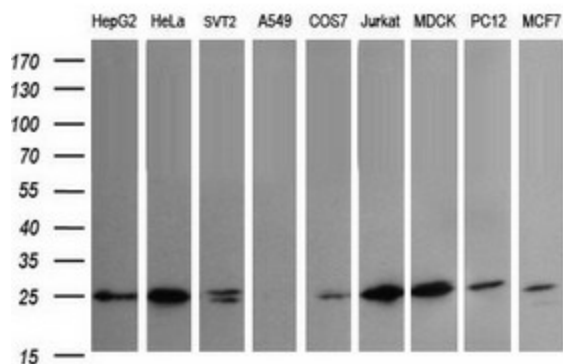
Product Type:	Primary Antibodies
Clone Name:	OTI1F4
Applications:	IHC, WB
Recommended Dilution:	WB 1:200~4000, IHC 1:150
Reactivity:	Human, Dog, Rat, Monkey, Mouse
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human VTI1A(NP_660207) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	25 kDa
Gene Name:	vesicle transport through interaction with t-SNAREs 1A
Database Link:	NP_660207 Entrez Gene 53611 Mouse Entrez Gene 65277 Rat Entrez Gene 100685447 Dog Entrez Gene 696654 Monkey Entrez Gene 143187 Human Q96AJ9
Synonyms:	MMDS3; MVti1; Vti1-rp2; VTI1RP2
Protein Families:	Transmembrane
Protein Pathways:	SNARE interactions in vesicular transport



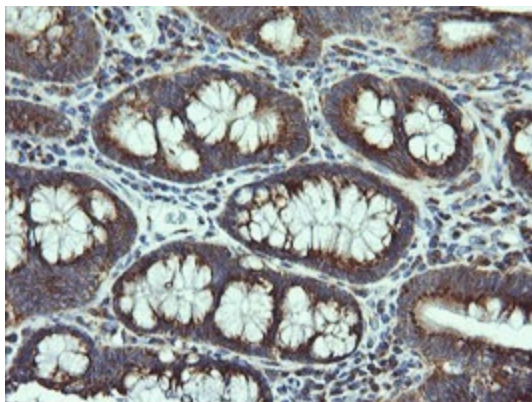
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Product images:


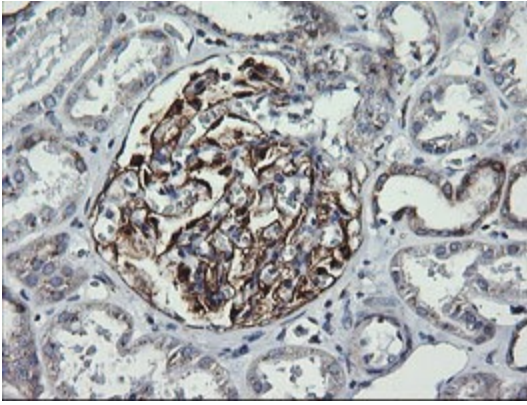
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY VTI1A (Cat# [RC213934], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-VTI1A (Cat# [TA505824]). Positive lysates [LY407945] (100ug) and [LC407945] (20ug) can be purchased separately from OriGene.



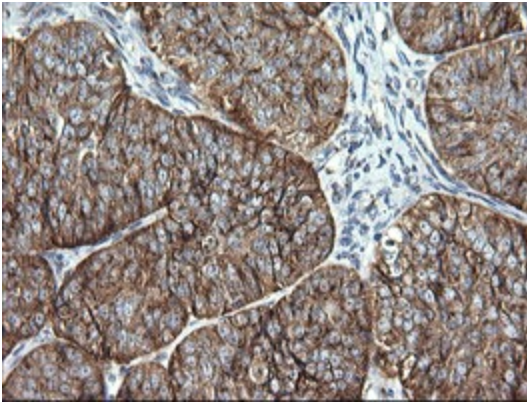
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-VTI1A monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



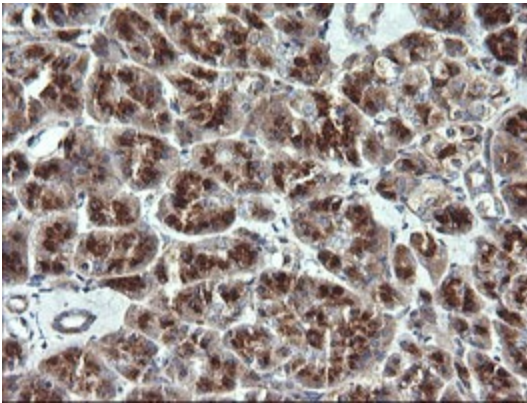
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-VTI1A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA505824])



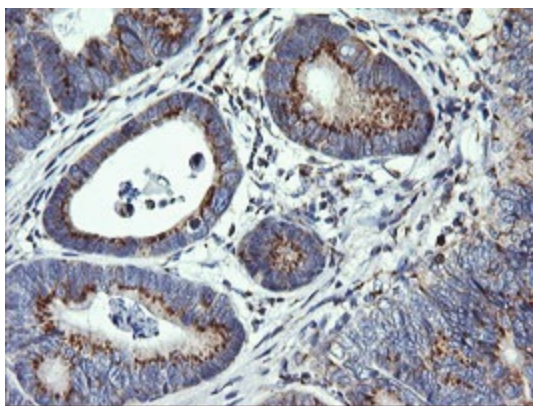
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-VTI1A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA505824])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-VTI1A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA505824])



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-VTI1A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA505824])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-VTI1A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA505824])