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Product datasheet for TA808935

PTK9 (TWF1) Mouse Monoclonal Antibody [Clone ID: OTI5C12]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5C12
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 140-384 of human TWF1(NP_002813) 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:	43.7 kDa
Gene Name:	twinfilin actin binding protein 1
Database Link:	NP_002813 Entrez Gene 19230 MouseEntrez Gene 315265 RatEntrez Gene 5756 Human Q12792
Background:	This gene encodes twinfilin, an actin monomer-binding protein conserved from yeast to mammals. Studies of the mouse counterpart suggest that this protein may be an actin monomer-binding protein, and its localization to cortical G-actin-rich structures may be regulated by the small GTPase RAC1. [provided by RefSeq, Jul 2008]
Synonyms:	A6; PTK9

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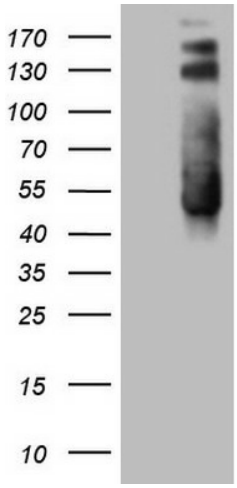
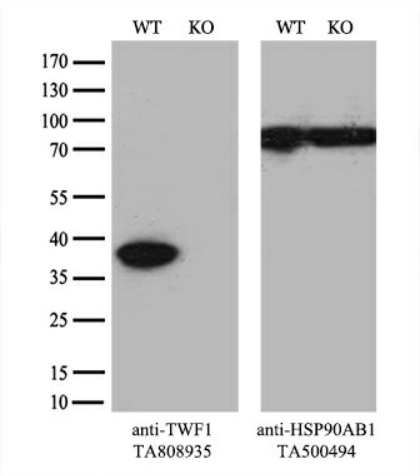
Protein Families: Druggable Genome, Protein Kinase

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY TWF1 (Cat# [RC207215], 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-TWF1 (Cat# TA808935)(1:2000). Positive lysates [LY401004] (100ug) and [LC401004] (20ug) can be purchased separately from OriGene.



Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT, Cat# LC810HELA) and TWF1-Knockout HeLa cells (KO, Cat# [LC832145]) were separated by SDS-PAGE and immunoblotted with anti-TWF1 monoclonal antibody TA808935 (1:2000). Then the blotted membrane was stripped and reprobed with anti-HSP90 antibody as a loading control.

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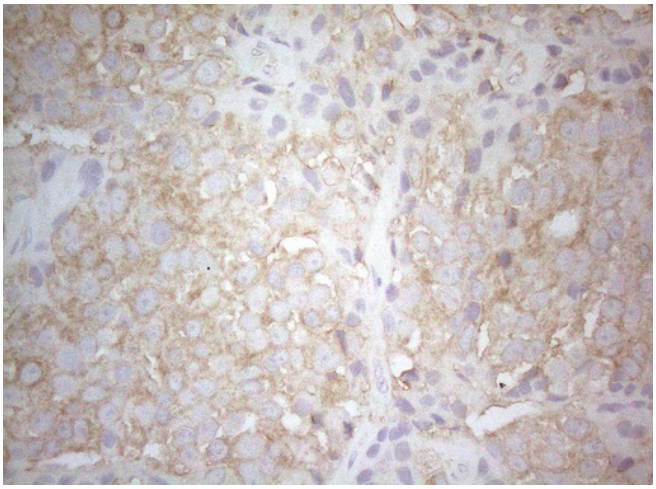
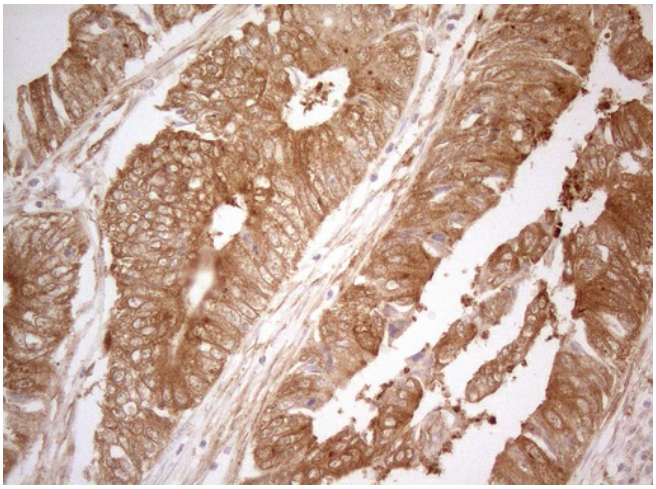
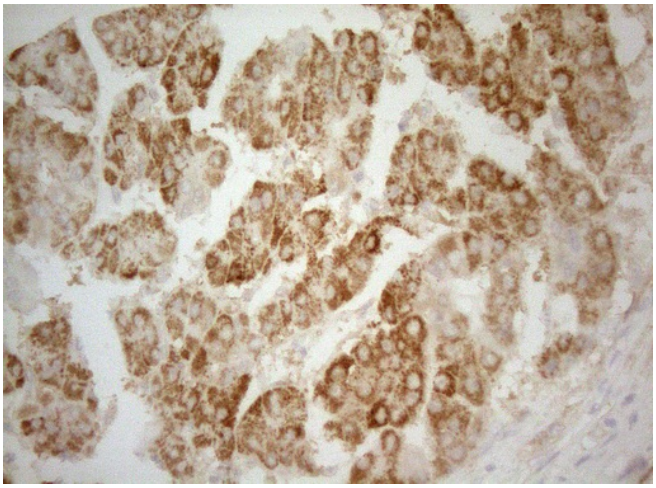


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue tissue using anti-TWF1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA808935) (1:150)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-TWF1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA808935) (1:150)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-TWF1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA808935) (1:150)

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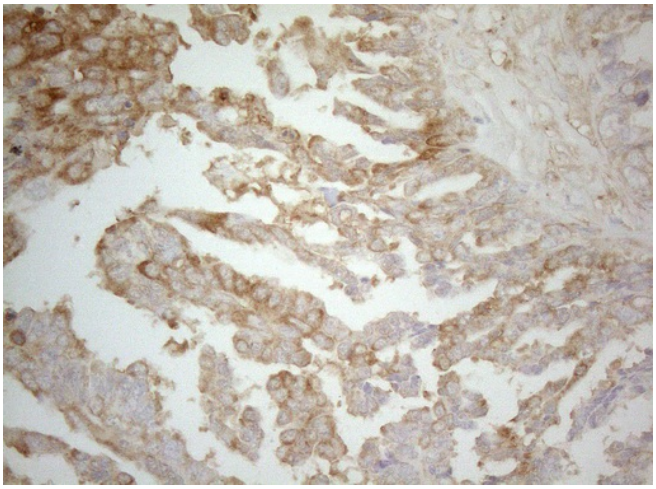
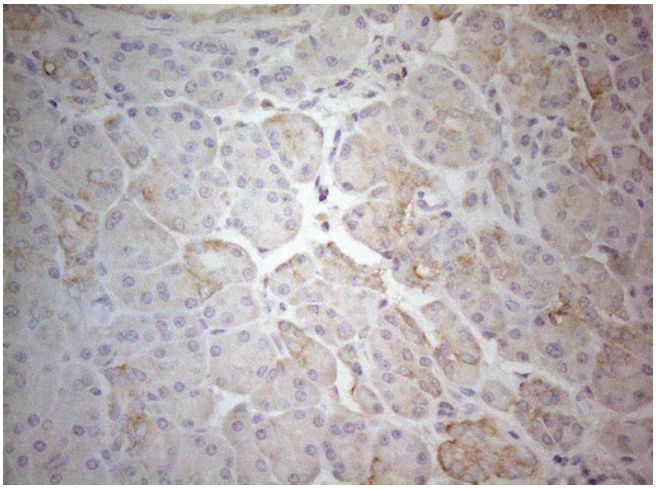
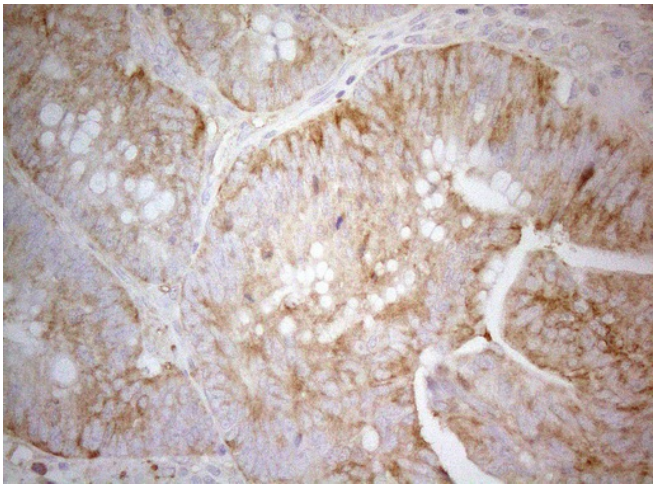


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-TWF1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA808935) (1:150)



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-TWF1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA808935) (1:150)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-TWF1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA808935) (1:150)

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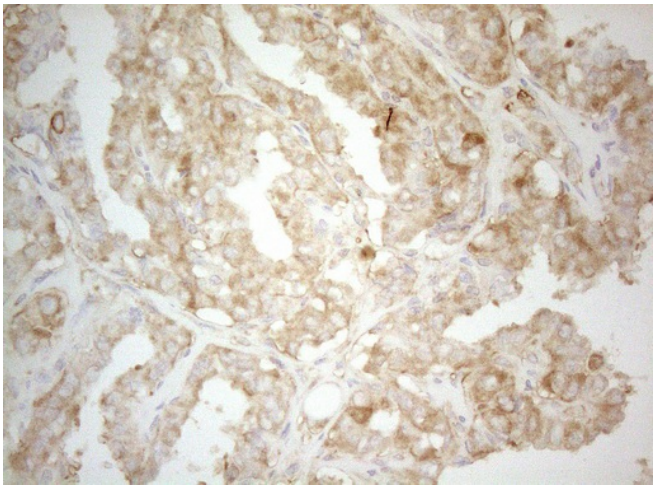
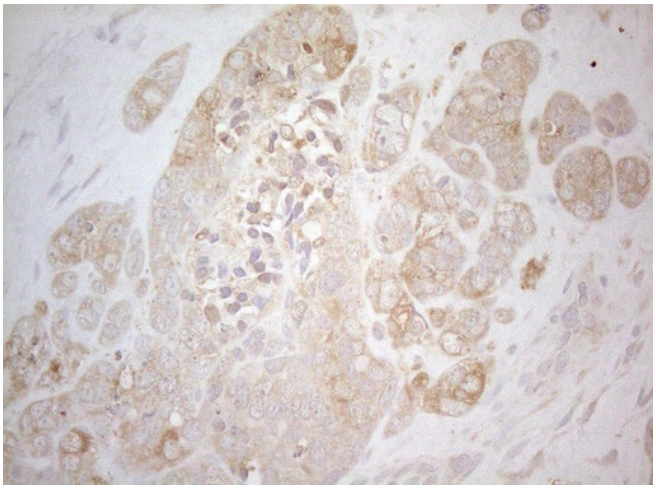
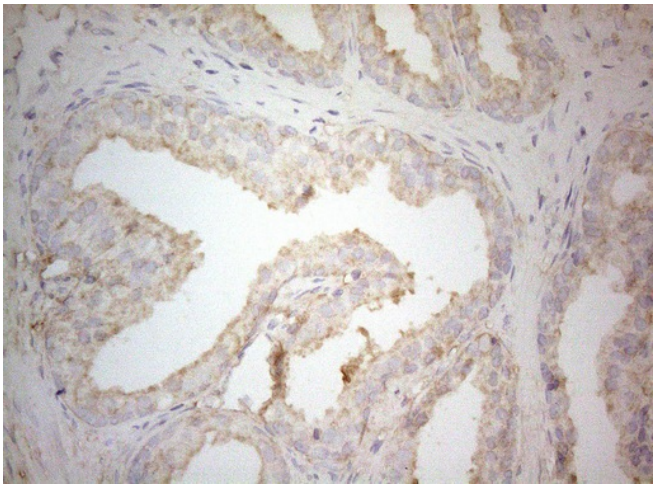


Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-TWF1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA808935) (1:150)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-TWF1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA808935) (1:150)



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-TWF1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA808935) (1:150)

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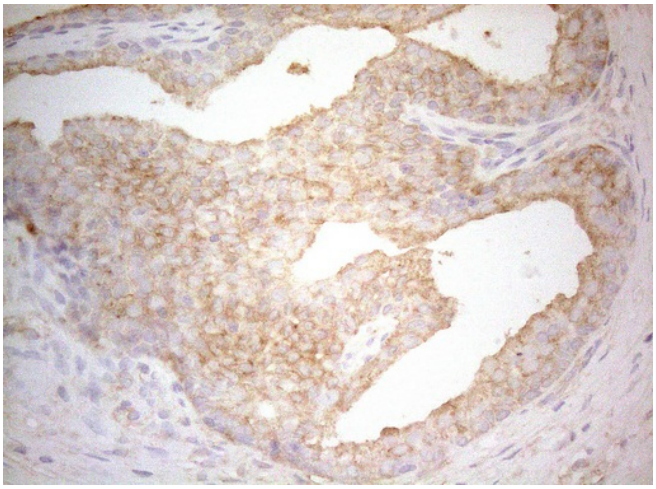
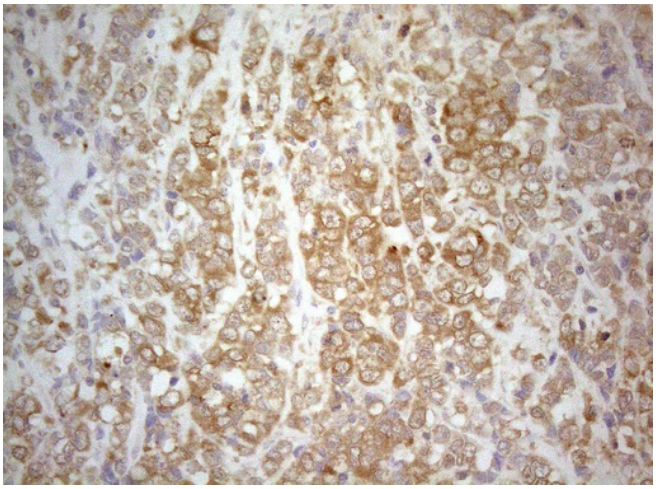
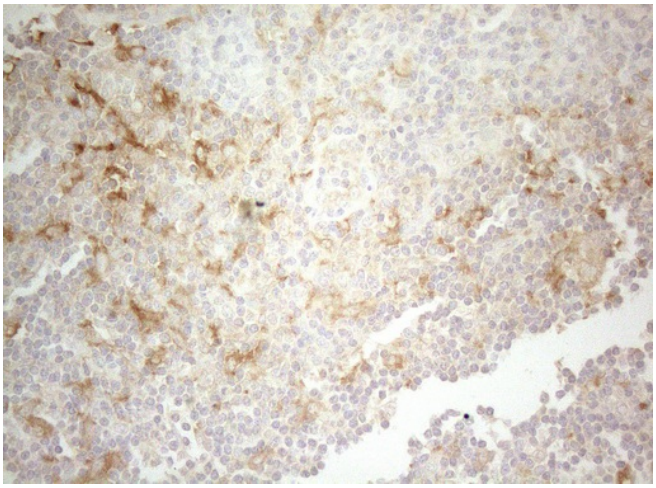


Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-TWF1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA808935) (1:150)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-TWF1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA808935) (1:150)



Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-TWF1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA808935) (1:150)

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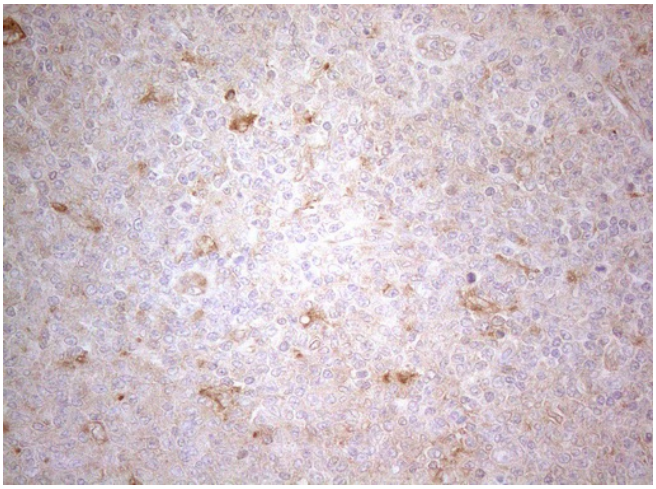
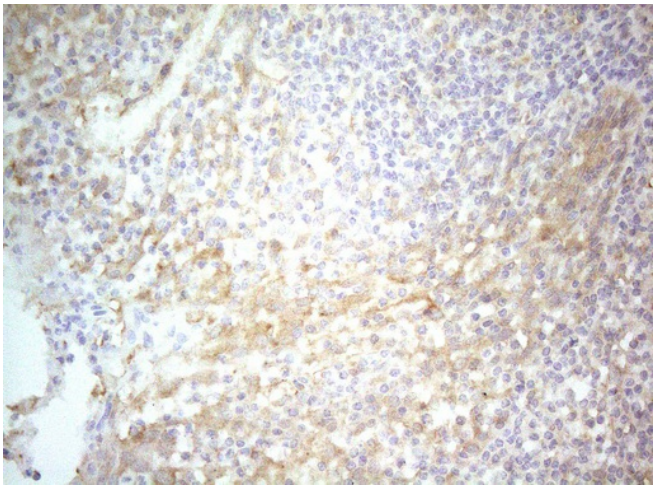


Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-TWF1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA808935) (1:150)



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-TWF1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA808935) (1:150)

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