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Product datasheet for CF505062

TSC22D1 Mouse Monoclonal Antibody [Clone ID: OTI4H8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4H8
Applications:	FC, IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human TSC22D1(NP_006013) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
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:	15.5 kDa
Gene Name:	TSC22 domain family member 1
Database Link:	NP_006013 Entrez Gene 21807 MouseEntrez Gene 498545 RatEntrez Gene 8848 Human Q15714
Background:	TSC22D1 encodes a transcription factor and belongs to the large family of early response genes. [supplied by OMIM]

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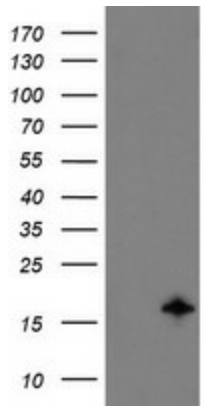
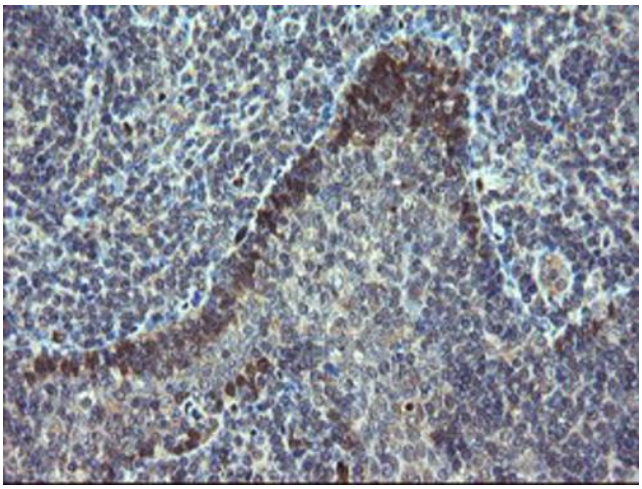
Synonyms: Ptg-2; TGFB1I4; TSC22

Protein Families: Transcription Factors

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY TSC22D1 (Cat# [RC223210], 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-TSC22D1(Cat# [TA505062]). Positive lysates [LY416882] (100ug) and [LC416882] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-TSC22D1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505062])

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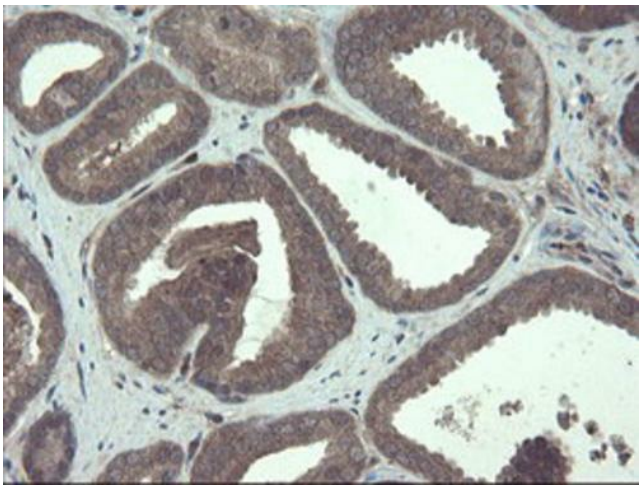
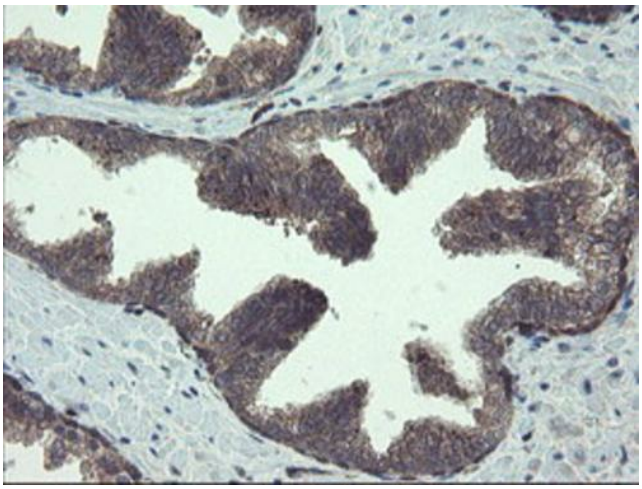
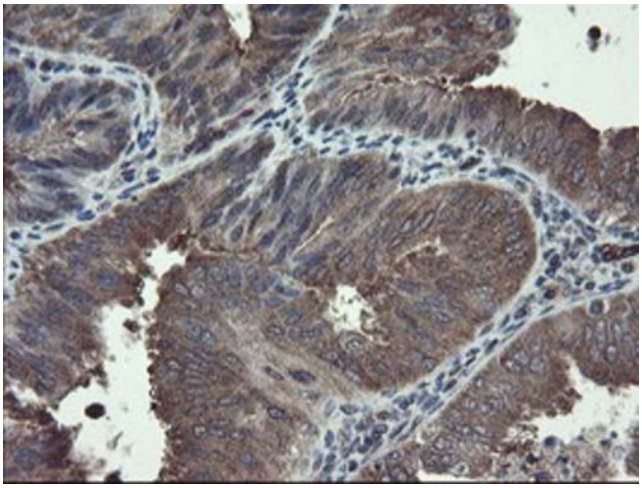


Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-TSC22D1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505062])



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-TSC22D1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505062])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-TSC22D1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505062])

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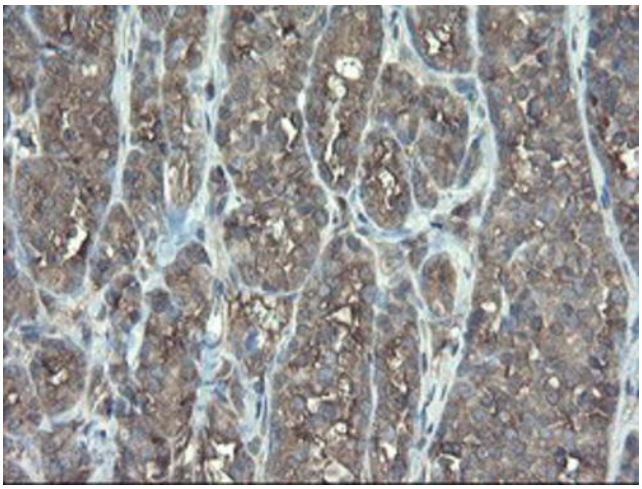
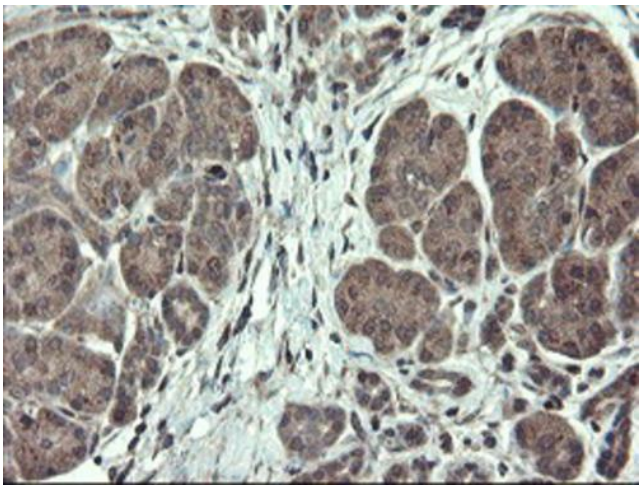
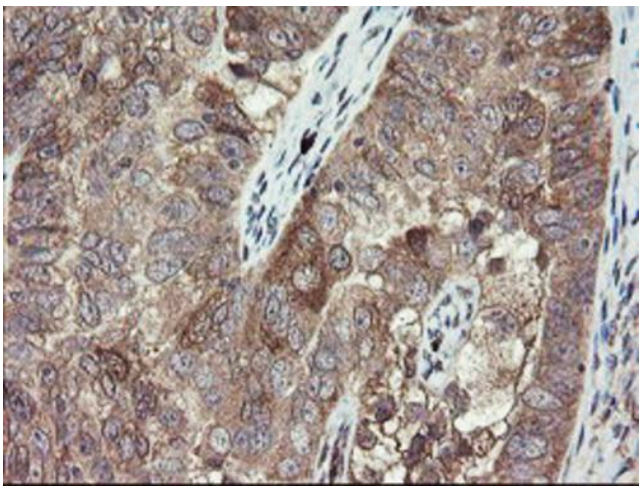


Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-TSC22D1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505062])



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-TSC22D1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505062])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-TSC22D1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505062])

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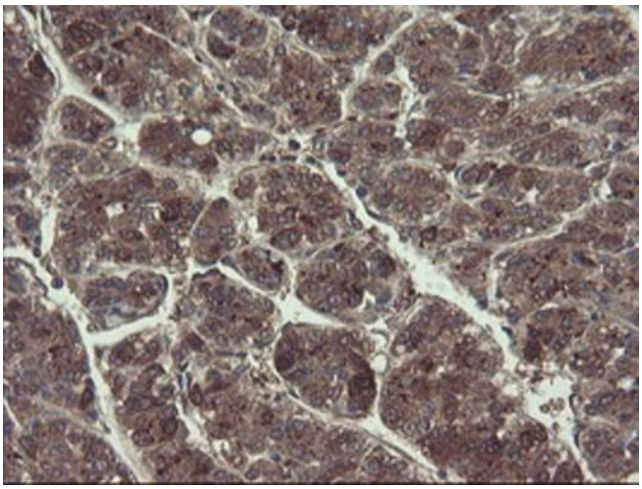
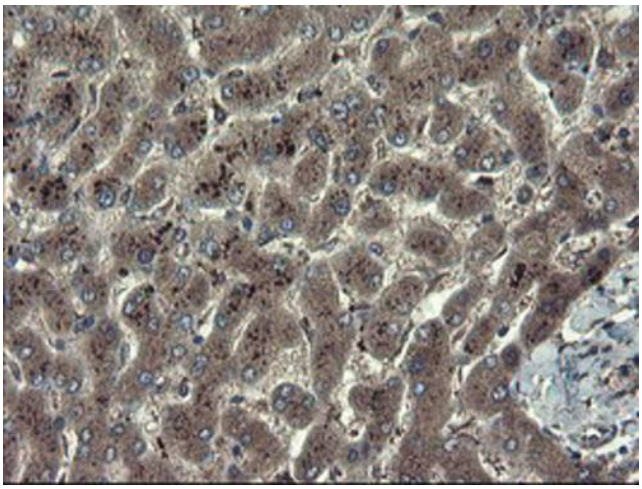
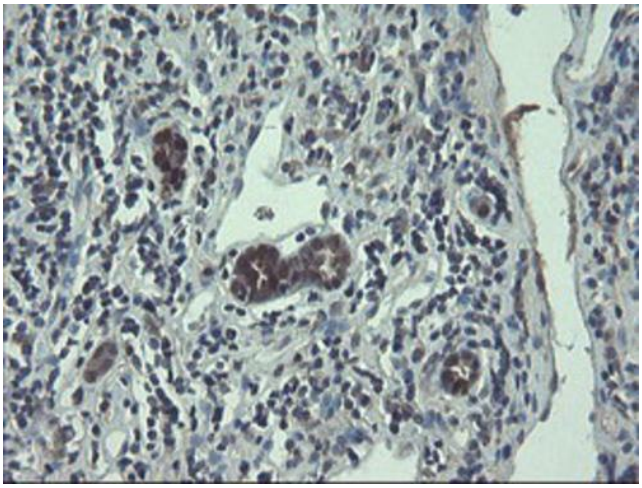


Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-TSC22D1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505062])



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-TSC22D1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505062])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-TSC22D1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505062])

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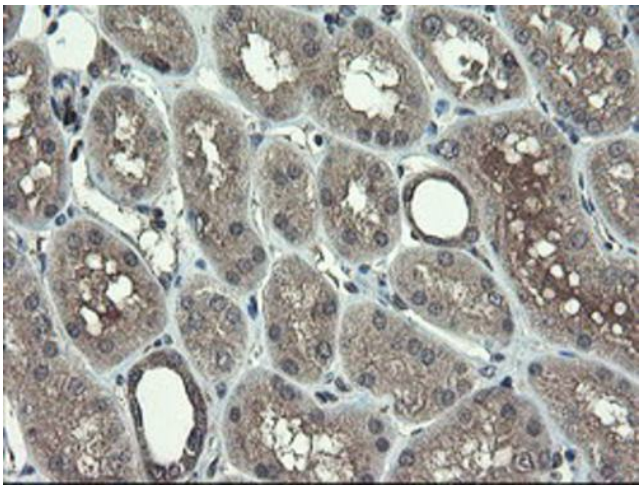
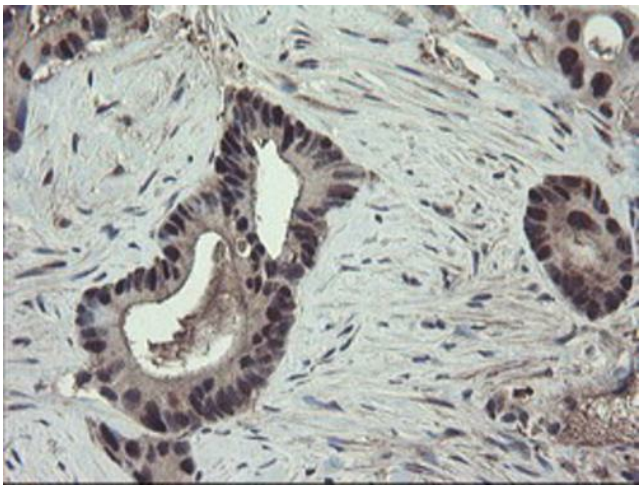
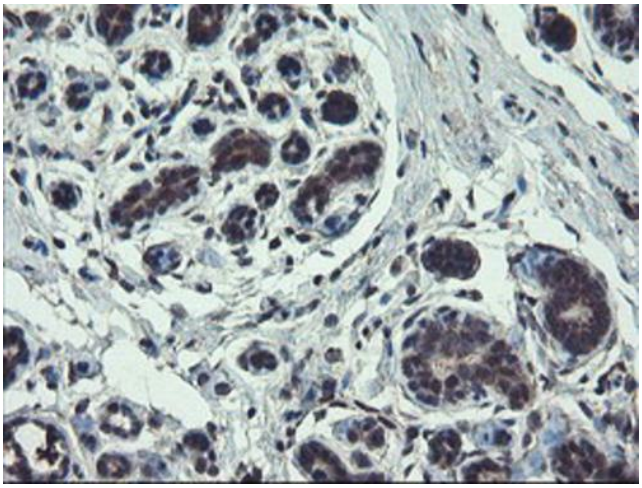


Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-TSC22D1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505062])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-TSC22D1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505062])



Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-TSC22D1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505062])

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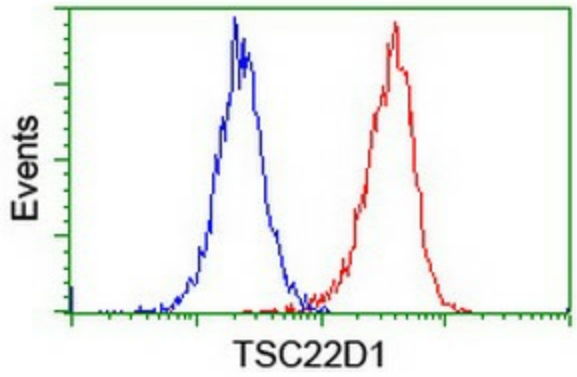
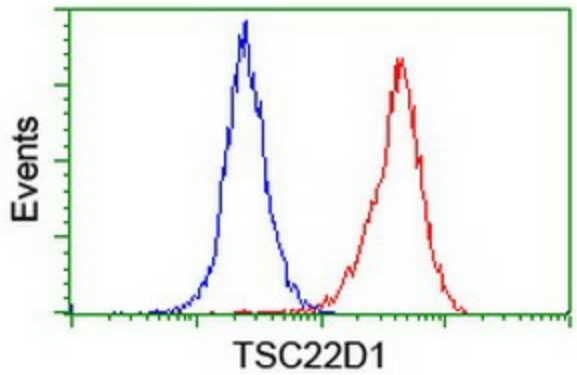
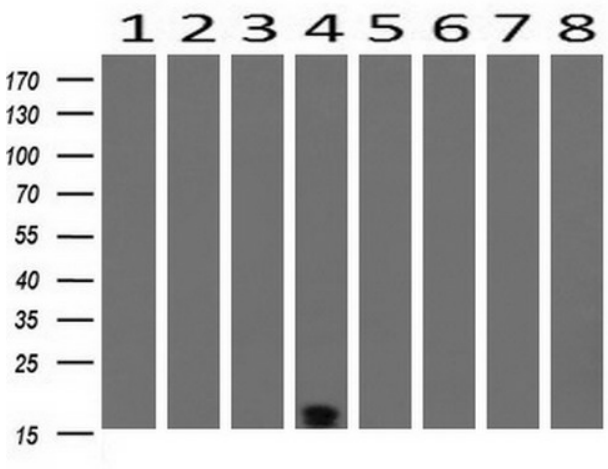


Flow cytometric Analysis of Jurkat cells, using anti-TSC22D1 antibody ([TA505062]), (Red), compared to a nonspecific negative control antibody, (Blue).



Flow cytometric Analysis of Hela cells, using anti-TSC22D1 antibody ([TA505062]), (Red), compared to a nonspecific negative control antibody, (Blue).



Western blot analysis of extracts (10ug) from 8 Human tissue by using anti-TSC22D1 monoclonal antibody at 1:200 (1: Testis; 2: Uterus; 3: Breast; 4: Brain; 5: Liver; 6: Ovary; 7: Thyroid gland; 8: Colon).

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