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Product datasheet for TA503159BM

IRF6 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI2C10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2C10
Applications:	FC, IF, IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:150, IF 1:100, FLOW 1:100
Reactivity:	Human, Mouse, Rat, Dog
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human IRF6(NP_006138) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	HRP
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	52.9 kDa
Gene Name:	interferon regulatory factor 6
Database Link:	NP_006138 Entrez Gene 54139 MouseEntrez Gene 364081 RatEntrez Gene 480015 DogEntrez Gene 3664 Human O14896

View online »

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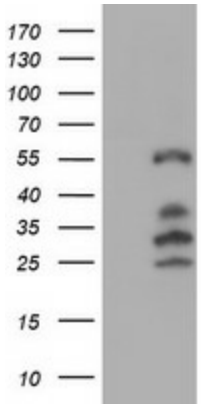
Background: This gene encodes a member of the interferon regulatory transcription factor (IRF) family. Family members share a highly-conserved N-terminal helix-turn-helix DNA-binding domain and a less conserved C-terminal protein-binding domain. The encoded protein may be a transcriptional activator. Mutations in this gene can cause van der Woude syndrome and popliteal pterygium syndrome. Mutations in this gene are also associated with non-syndromic orofacial cleft type 6. Alternate splicing results in multiple transcript variants.

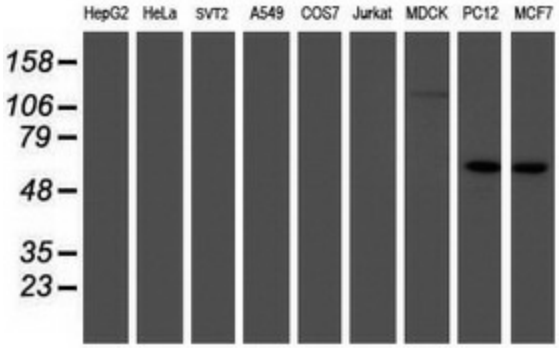
Synonyms: LPS; OFC6; PIT; PPS; PPS1; VWS; VWS1

Protein Families: ES Cell Differentiation/IPS, Transcription Factors

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY IRF6 (Cat# [RC201579], 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-IRF6(Cat# [TA503159]). Positive lysates [LY401852] (100ug) and [LC401852] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-IRF6 monoclonal antibody.

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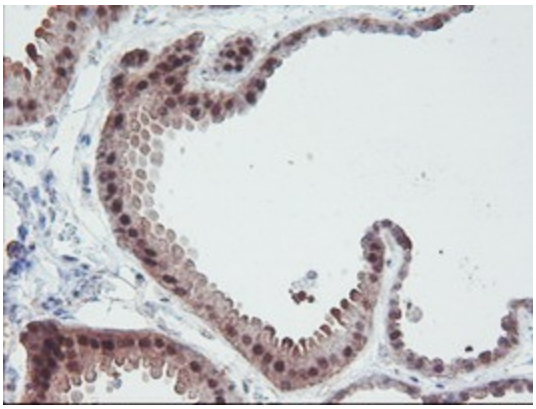
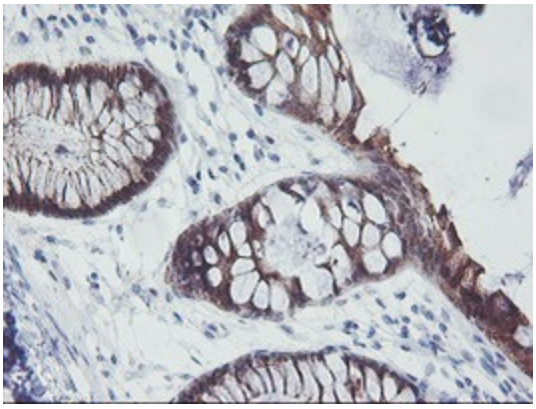
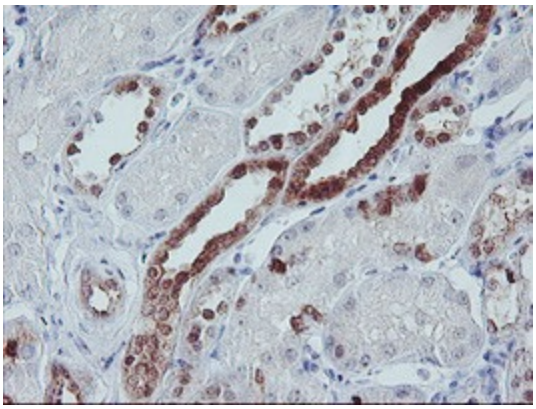


Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-IRF6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503159])



Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-IRF6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503159])



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-IRF6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503159])

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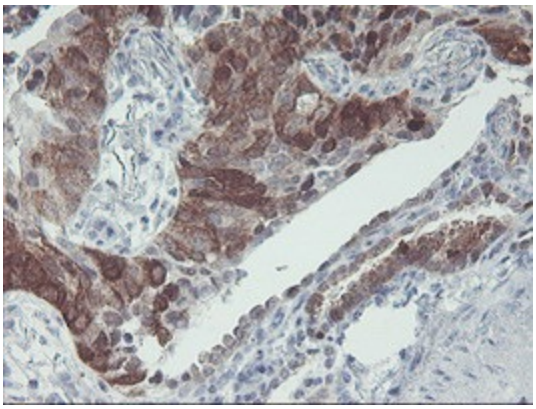
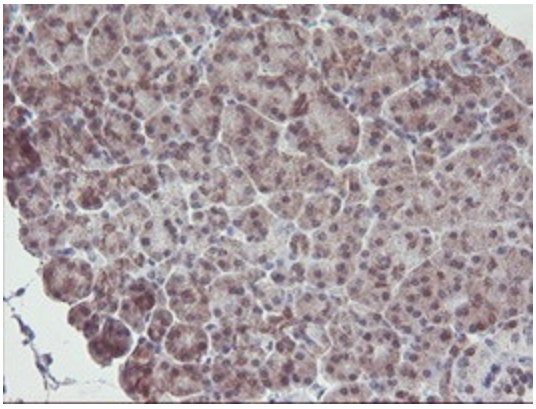
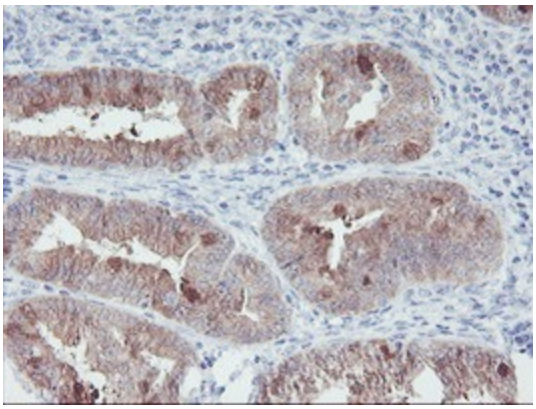


Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-IRF6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503159])



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-IRF6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503159])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-IRF6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503159])

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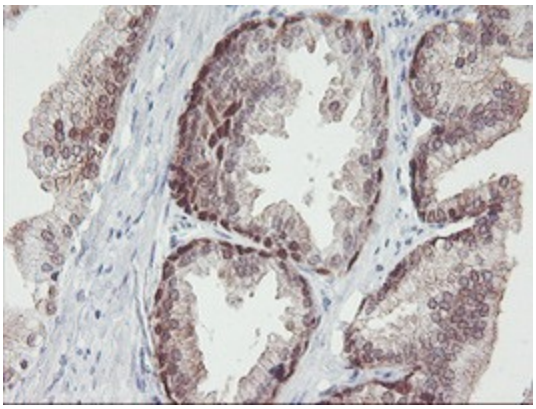
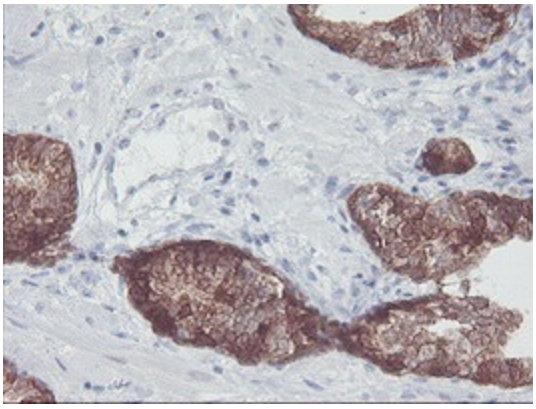
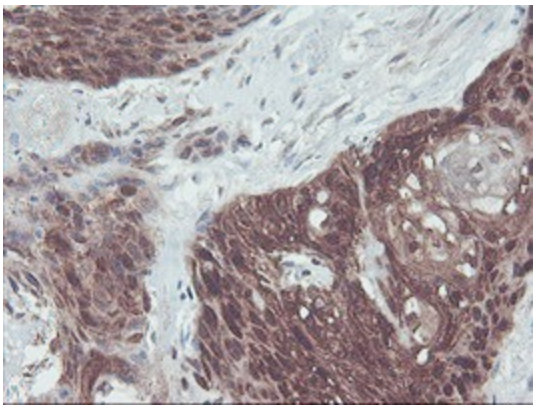


Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-IRF6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503159])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-IRF6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503159])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-IRF6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503159])

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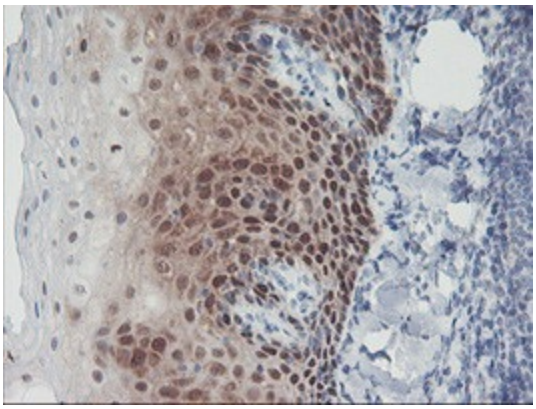
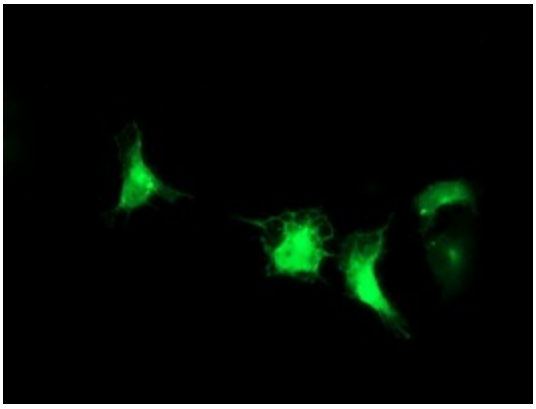
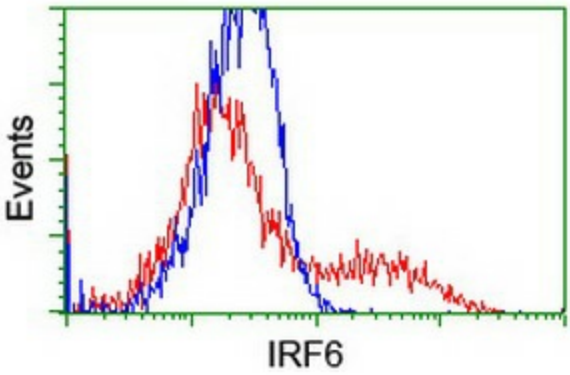


Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-IRF6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503159])



Anti-IRF6 mouse monoclonal antibody ([TA503159]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY IRF6 ([RC201579]).



HEK293T cells transfected with either [RC201579] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-IRF6 antibody ([TA503159]), and then analyzed by flow cytometry.

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