

## Product datasheet for TA503345

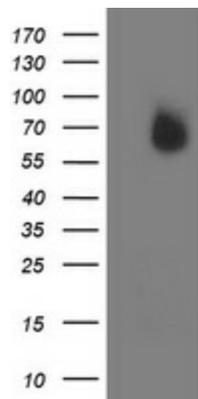
### IRF6 Mouse Monoclonal Antibody [Clone ID: OTI2A12]

#### Product data:

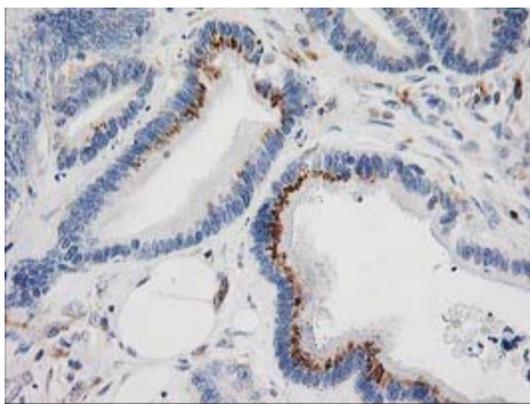
Product Type:	Primary Antibodies
Clone Name:	OTI2A12
Applications:	FC, IF, IHC, WB
Recommend Dilution:	WB 1:2000, IHC 1:150, IF 1:100, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human IRF6(NP_006138) produced in HEK293 cell.
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)
Predicted Protein Size:	52.9 kDa
Gene Name:	interferon regulatory factor 6
Database Link:	<a href="#">NP_006138 Entrez Gene 3664 Human</a>
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. Mutations in this gene can cause van der Woude syndrome and popliteal pterygium syndrome. This protein is involved in palate formation. [provided by RefSeq]
Synonyms:	LPS; OFC6; PIT; PPS; PPS1; VWS; VWS1
Protein Families:	ES Cell Differentiation/IPS, Transcription Factors



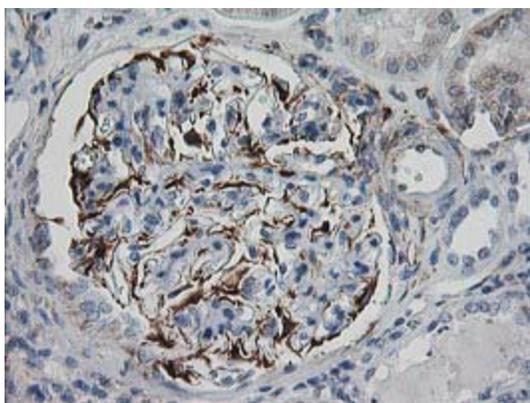
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**Product images:**

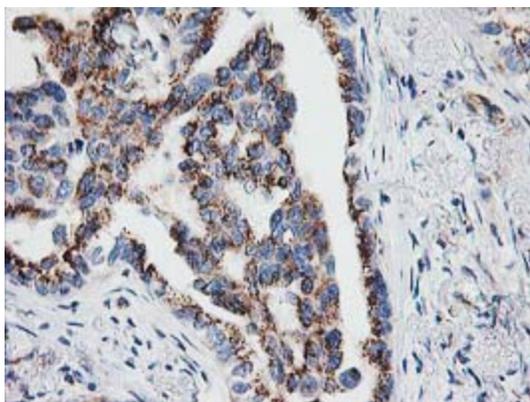
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY IRF6 ([RC201579], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-IRF6. Positive lysates [LY401852] (100ug) and [LC401852] (20ug) can be purchased separately from OriGene.



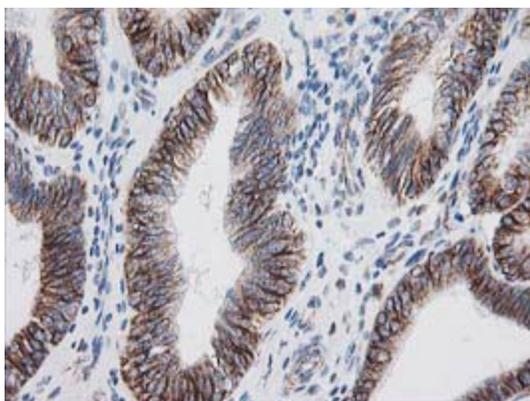
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-IRF6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA503345)



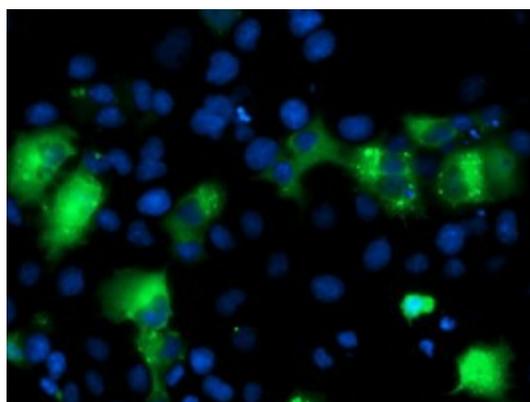
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-IRF6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA503345)



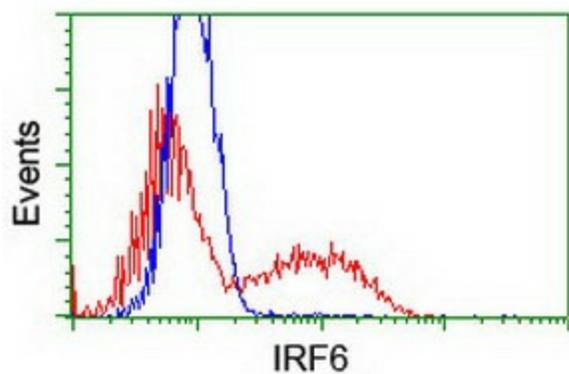
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-IRF6 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA503345)



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, TA503345)



Anti-IRF6 mouse monoclonal antibody (TA503345) 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 (TA503345), and then analyzed by flow cytometry.