

Product datasheet for **CF503940**

FBXO21 Mouse Monoclonal Antibody [Clone ID: OTI1E1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1E1
Applications:	FC, IF, IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150, IF 1:100, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human FBXO21(NP_296373) 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:	72.1 kDa
Gene Name:	F-box protein 21
Database Link:	NP_296373 Entrez Gene 231670 Mouse Entrez Gene 360818 Rat Entrez Gene 23014 Human O94952



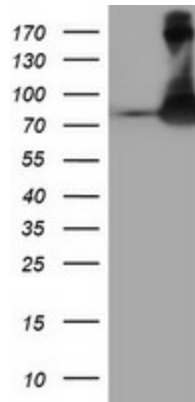
[View online »](#)

Background:

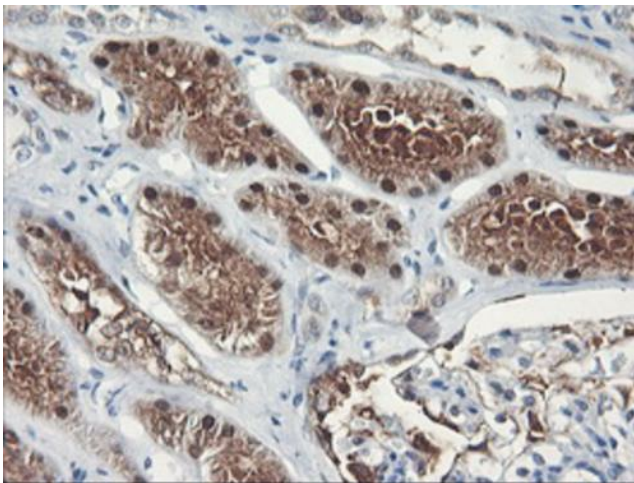
This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class. Alternative splicing of this gene generates 2 transcript variants. [provided by RefSeq]

Synonyms:

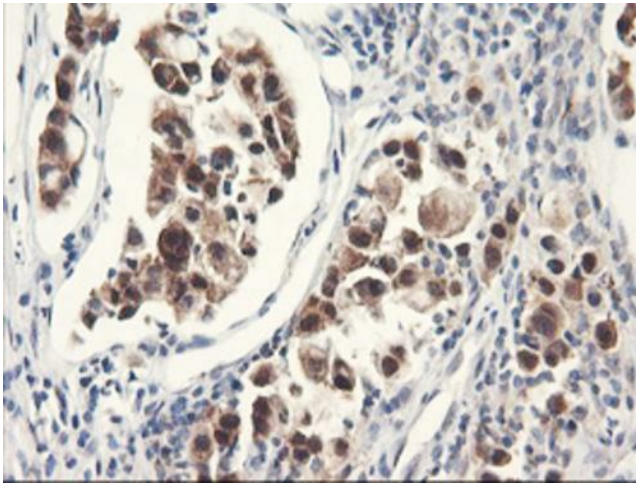
FBX21

Product images:

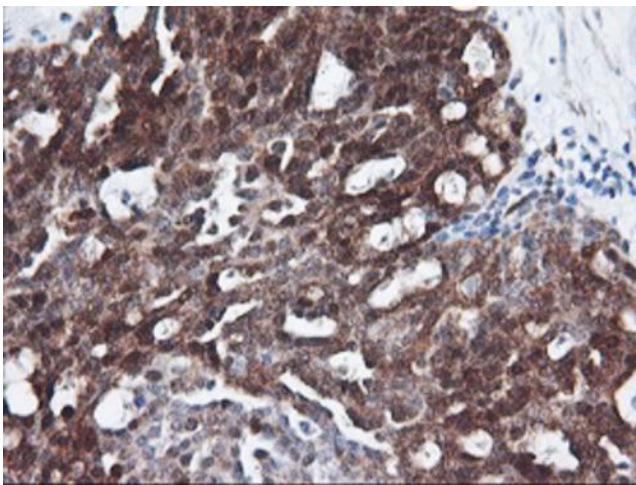
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FBXO21 ([RC223095], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FBXO21.



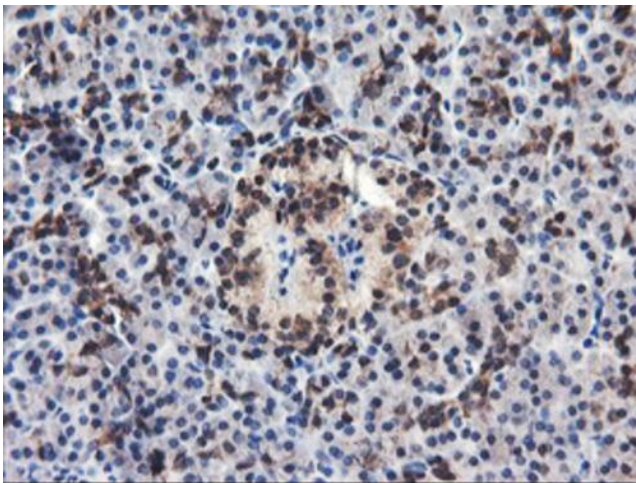
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-FBXO21 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503940])



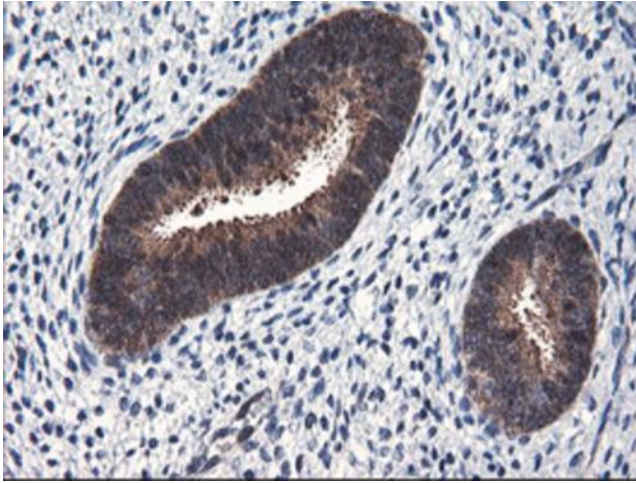
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-FBXO21 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503940])



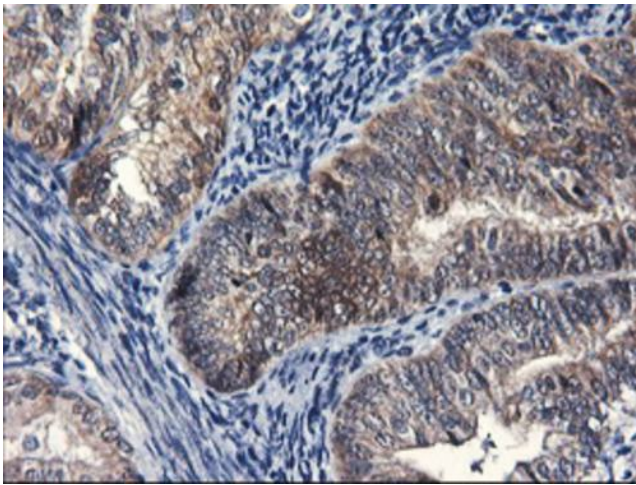
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-FBXO21 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503940])



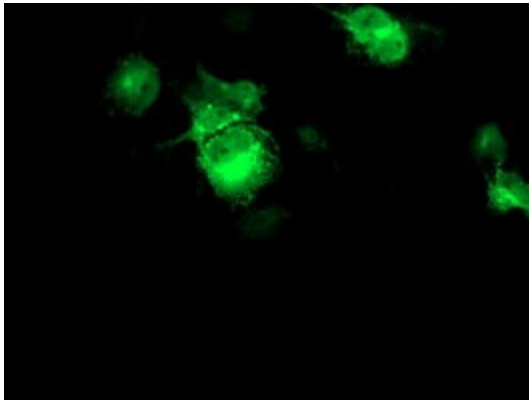
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-FBXO21 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503940])



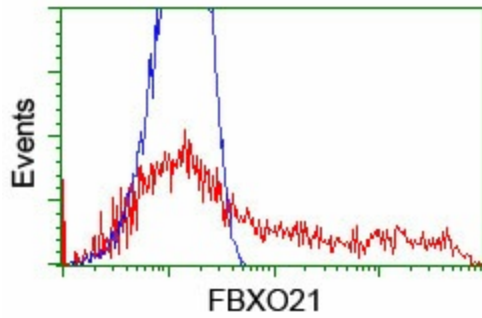
Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-FBXO21 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503940])



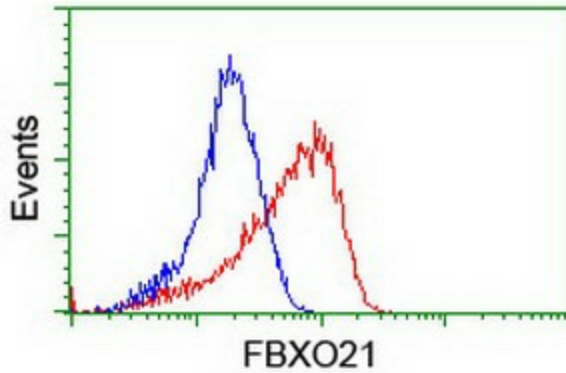
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-FBXO21 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503940])



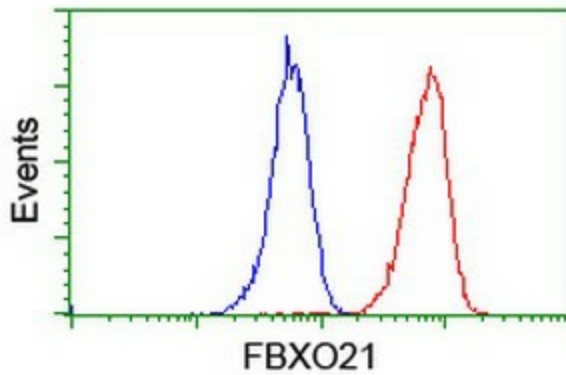
Anti-FBXO21 mouse monoclonal antibody ([TA503940]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY FBXO21 ([RC223095]).



HEK293T cells transfected with either [RC223095] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-FBXO21 antibody ([TA503940]), and then analyzed by flow cytometry.



Flow cytometric Analysis of HeLa cells, using anti-FBXO21 antibody ([TA503940]), (Red), compared to a nonspecific negative control antibody, (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-FBXO21 antibody ([TA503940]), (Red), compared to a nonspecific negative control antibody, (Blue).