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Product datasheet for TA504013AM

FBXO21 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI2C7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2C7
Applications:	FC, IF, IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:150, IF 1:100, FLOW 1:100
Reactivity:	Human, Dog, Rat, Monkey, Mouse
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human FBXO21(NP_296373) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
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 MouseEntrez Gene 360818 RatEntrez Gene 486290 DogEntrez Gene 693647 MonkeyEntrez Gene 23014 Human O94952

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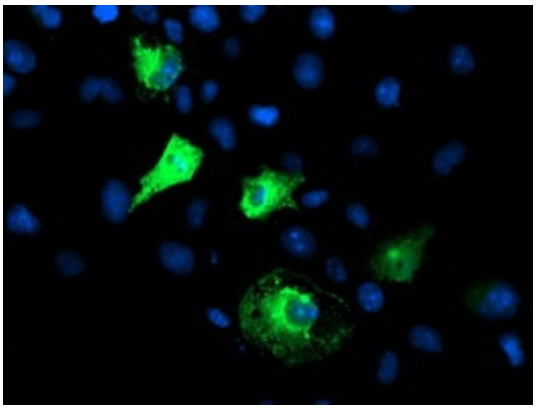
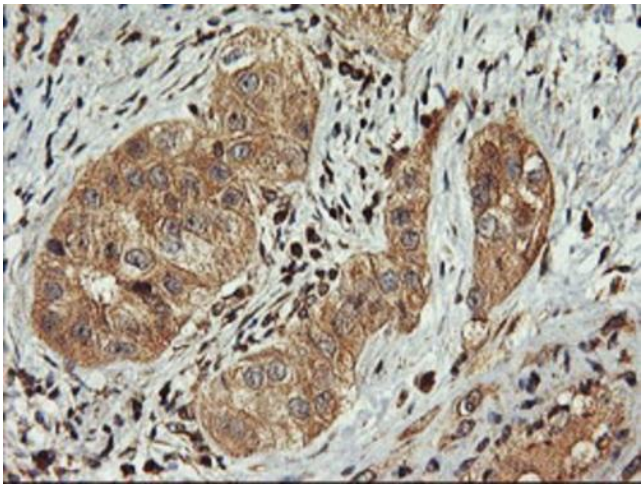
Background: This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent 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

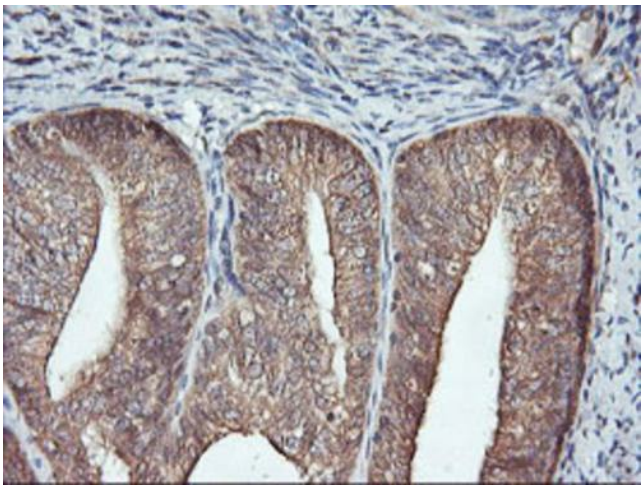
Product images:



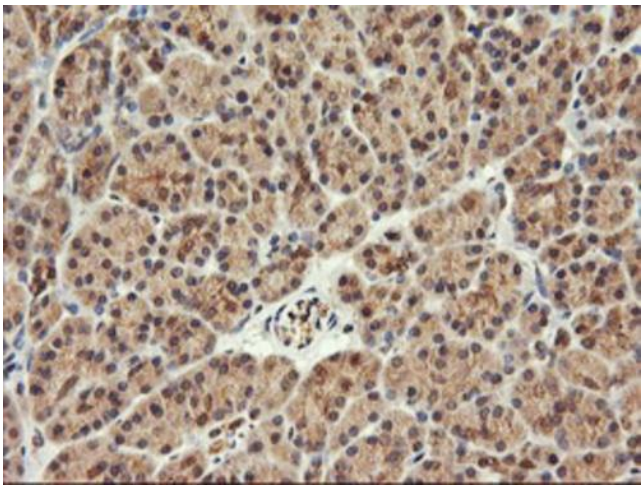
Anti-FBXO21 mouse monoclonal antibody ([TA504013]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY FBXO21 ([RC223095]).



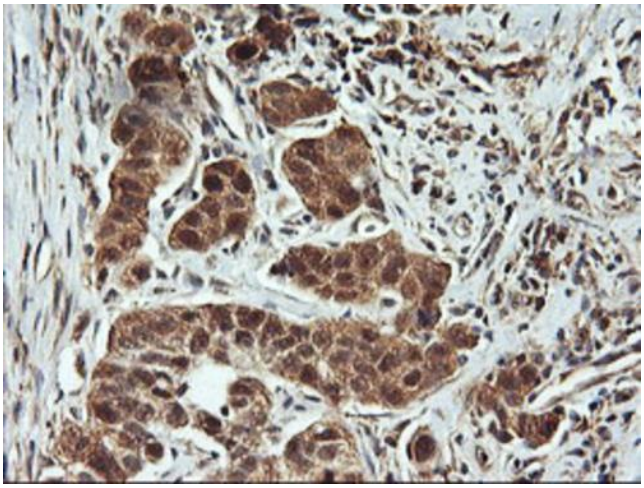
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-FBXO21 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



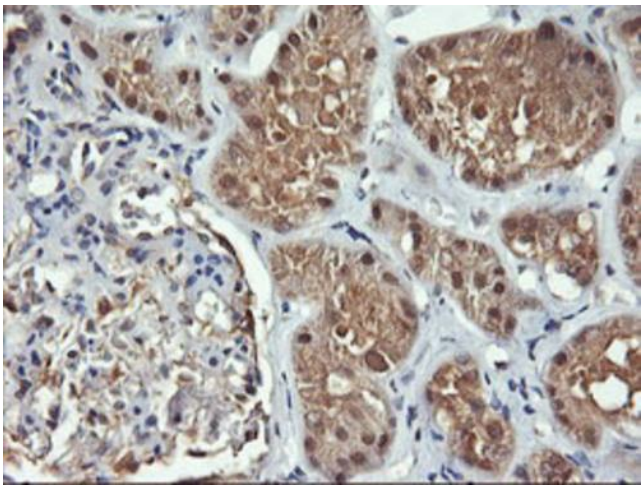
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-FBXO21 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



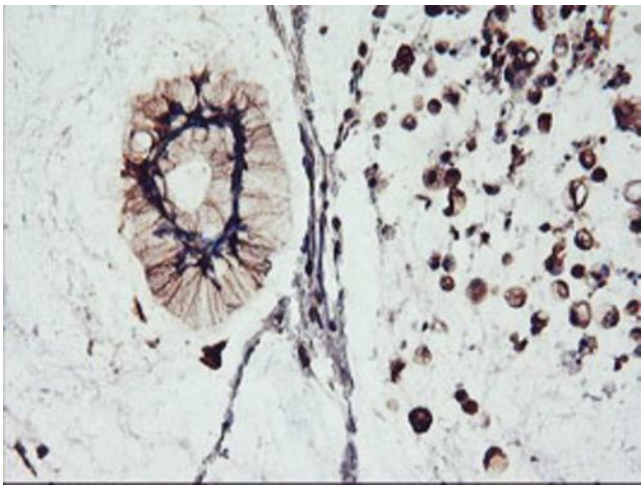
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-FBXO21 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



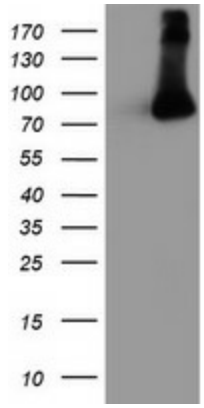
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-FBXO21 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



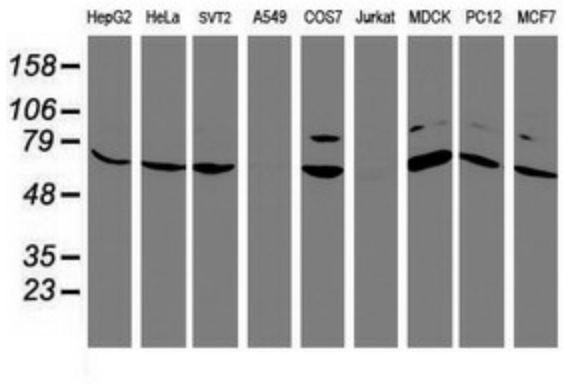
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-FBXO21 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



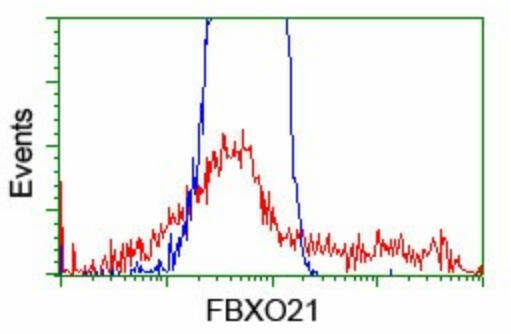
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-FBXO21 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



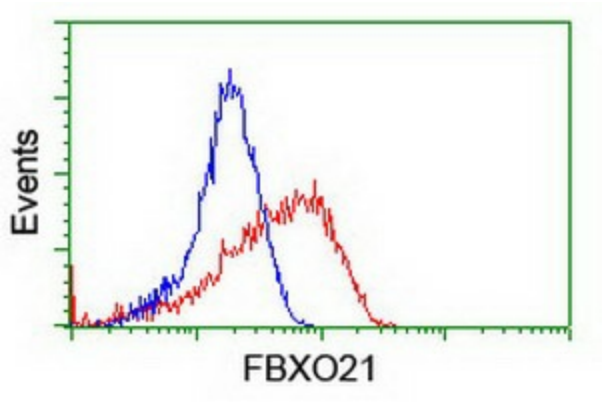
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FBXO21 ([RC223095], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FBXO21.



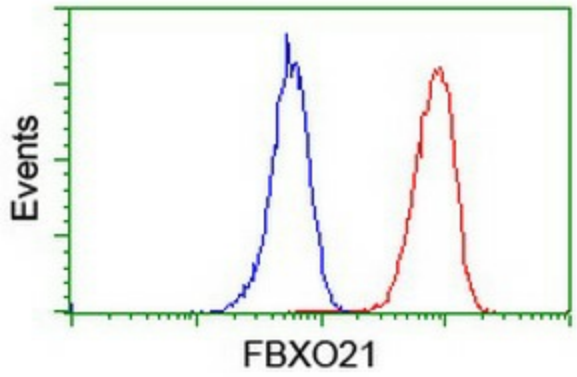
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-FBXO21 monoclonal antibody.



HEK293T cells transfected with either [RC223095] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-FBXO21 antibody ([TA504013]), and then analyzed by flow cytometry.



Flow cytometric Analysis of Hela cells, using anti-FBXO21 antibody ([TA504013]), (Red), compared to a nonspecific negative control antibody, (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-FBXO21 antibody ([TA504013]), (Red), compared to a nonspecific negative control antibody, (Blue).