FBXW7(R479L)

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Cat. #: 26347
Gene Symbol: FBW6; FBW7; FBXW7; FBX30; CDC4; SEL10
Description: Anti-FBXW7(R479L) Mouse Monoclonal Antibody
Background: F-box/WD repeat-containing protein 7 is a protein that in humans is encoded by the FBXW7 gene. 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. Mutations in this gene are detected in ovarian, breast and colorectal cancer cell lines, implicating the gene's potential role in the pathogenesis of human cancers.
Immunogen: A synthetic peptide from the internal region of FBXW7 which includes the mutation of R479L, human origin.
Applications: ELISA, WB
Recommended Dilutions:
ELISA: 1:1000-1:5000
WB: 1:500-1:1000
Concentration: 1 mg/ml
Host Species: Mouse
Format: Liquid
Clonality: Monoclonal
Isotype: IgG
Purity: Purified from ascites
Preservative: No
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 50% glycerol
Species Reactivity: Recognizes R479L mutant, but not wild type FBXW7 of vertebrates.
Storage Conditions: Store at -20°C. Avoid repeated freezing and thawing

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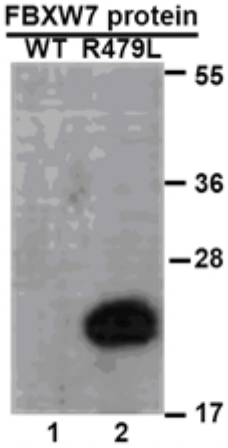
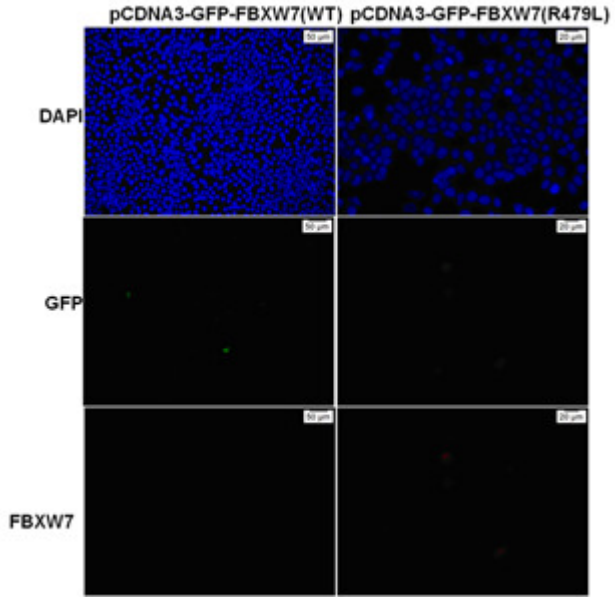


Western blot: WB: anti-FBXW7 (R479L) mAb

Western blot analysis of recombinant FBXW7(R479L) and wild type proteins.

Purified His-tagged FBXW7(R479L) protein (lane 2) and corresponding wild type protein (lane 1) were blotted with Anti-FBXW7(R479L) monoclonal antibody (Cat. #26347).

Immunofluorescence:



Immunofluorescence of cells expressing FBXW7 proteins with Anti-FBXW7(R479L) antibody.

HEK293T cells were transfected with pCDNA3-GFP-FBXW7 (WT) plasmid (left column) or pCDNA3-GFP-FBXW7(R479L) plasmid (right column), then fixed and stained with Anti-FBXW7(R479L) monoclonal antibody (Cat. #26347).

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