

## FBXW7 (R479L)

**Catalog Number:** 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.

**Tested applications:** ELISA, WB

**Recommended dilutions:**

ELISA: 1:1000-1:5000

WB: 1:500-1:1000

**Concentration:** 1 mg/ml

**Host:** Mouse

**Clonality:** Monoclonal

**Purity:** Purified from ascites

**Format:** Liquid

**Storage buffer:**

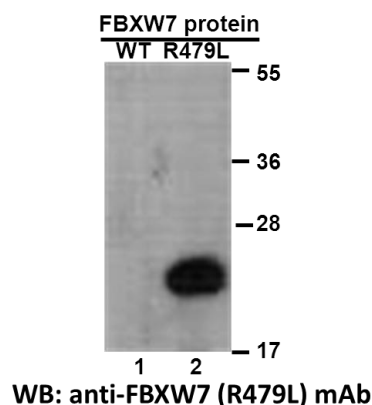
Preservative: no

Constituents: PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), 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 freeze / thaw cycles.

### Western blot:



**Western blot analysis of recombinant FBXW7 (R479L) and wildtype proteins.** Purified His-tagged FBXW7 (R479L) protein (lane 2) and corresponding wildtype protein (lane 1) were blotted with anti-FBXW7 (R479L) monoclonal antibody (Cat. #26347).

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# Product Description

— *A helping hand for your research*

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