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[Primary Antibody]

Recombinant Rabbit Anti-FBXW7 Monoclonal Antibody

Catalog Number: SLA3498M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	10E3
GeneID:	55294
SWISS:	Q969H0
Target:	FBXW7
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IHC-P (1:50-200) IHC-F (1:50-200) IF (1:50-200) ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Background:	Fbw7 is a member of the F box protein family which are 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 WD40 domains, Fbls containing leucine rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. Fbw7 belongs to the Fbws class; in addition to an F box, this protein contains 7 tandem WD40 repeats. It binds directly to cyclin E and probably targets cyclin E for ubiquitin mediated degradation. Mutations of this gene are detected in ovarian and breast cancer cell lines. Alternative splicing of this gene generates 2 transcript variants diverging at the 5' termini.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.