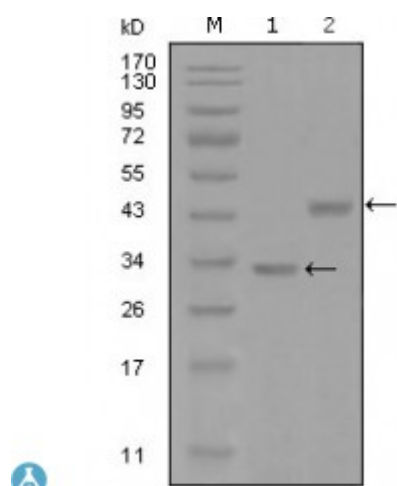


Anti-Skp2 p45 antibody



Description	Mouse monoclonal to Skp2 p45.
Model	STJ98381
Host	Mouse
Reactivity	Human
Applications	ELISA, WB
Immunogen	Purified recombinant fragment of Skp2 p45 (aa1-130) expressed in E. Coli.
Immunogen Region	1-130 aa
Gene ID	6502
Gene Symbol	SKP2
Dilution range	WB 1:500-1:2000ELISA 1:10000
Specificity	Skp2 p45 Monoclonal Antibody detects endogenous levels of Skp2 p45 protein.
Purification	Affinity purification
Clone ID	6G9D10
Note	For Research Use Only (RUO).
Protein Name	S-phase kinase-associated protein 2 Cyclin-A/CDK2-associated protein p45 F-box protein Skp2 F-box/LRR-repeat protein 1 p45skp2
Clonality	Monoclonal
Conjugation	Unconjugated

Isotype	IgG1
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:10901OMIM:601436
Alternative Names	S-phase kinase-associated protein 2 Cyclin-A/CDK2-associated protein p45 F-box protein Skp2 F-box/LRR-repeat protein 1 p45skp2
Function	Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins involved in cell cycle progression, signal transduction and transcription. Specifically recognizes phosphorylated CDKN1B/p27kip and is involved in regulation of G1/S transition. Degradation of CDKN1B/p27kip also requires CKS1. Recognizes target proteins ORC1, CDT1, RBL2, KMT2A/MLL1, CDK9, RAG2, FOXO1, UBP43, and probably MYC, TOB1 and TAL1. Degradation of TAL1 also requires STUB1. Recognizes CDKN1A in association with CCNE1 or CCNE2 and CDK2. Promotes ubiquitination and destruction of CDH1 in a CK1-Dependent Manner, thereby regulating cell migration.
Cellular Localization	Cytoplasm Nucleus
Post-translational Modifications	Ubiquitinated by the APC/C complex, leading to its degradation by the proteasome. Deubiquitinated by USP13. Acetylation at Lys-68 and Lys-71 increases stability through impairment of APC/C-mediated proteolysis and promotes cytoplasmic retention. Deacetylated by SIRT3.