

SKP2 recombinant antibody

SKP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243805	Rabbit	Human	Flow Cytometry, Functional Assay, Immunofluorescence, ELISA

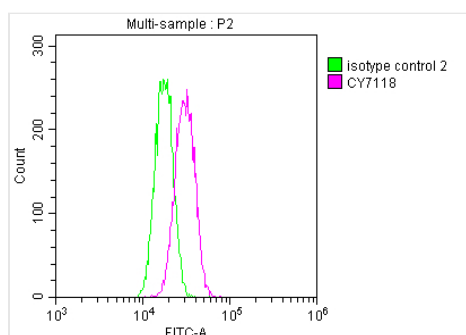
PRODUCT SYNONYMS

SKP2; Monoclonal Recombinant Antibody; SKP2 Antibody; S-phase kinase-associated protein 2 (Cyclin-A/CDK2-associated protein p45) (F-box protein Skp2) (F-box/LRR-repeat protein 1) (p45skp2); FBXL1; SKP2 recombinant antibody

PRODUCT SPECIFICATIONS

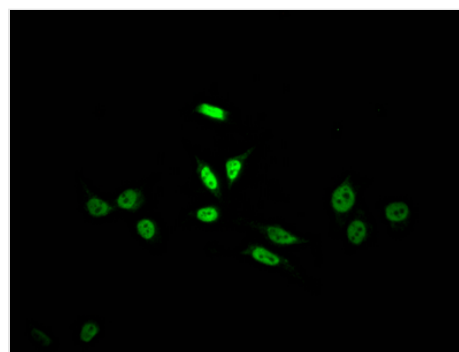
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	3C11
Purity/Purification	Affinity-chromatography
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, PH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for SKP2 recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA
Antibody Type	Recombinant Antibody
Conjugation	Non-conjugated
Immunogen	A synthesized peptide derived from human SKP2
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Overlay histogram showing HeLa cells stained with (red line) at 1:250. The cells were fixed with 70% Ethylalcohol (18h) and then incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1 μ g/1*10⁶cells) for 1 h at 4 $^{\circ}$ C. The secondary antibody used was FITC-conjugated goat anti-rabbit IgG (H+L) at 1/200 dilution for 30min at 4 $^{\circ}$ C. Control antibody (green line) was Rabbit IgG (1 μ g/1*10⁶cells) used under the same conditions. Acquisition of >10,000 events was performed.



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 Cells at 1:250, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeated by 0.2% TritonX-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Rabbit IgG ?H+L?.

ADDITIONAL INFORMATION

Related Product Information for SKP2 recombinant antibody	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.
Product Categories/Family for SKP2 recombinant antibody	Cancer; Cardiovascular; Cell biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	340805881
NCBI GeneID	6502
NCBI Accession #	NP_001230049.1
NCBI GenBank Nucleotide #	NM_001243120.1
UniProt Accession #	Q13309; Q8TDZ0; Q8TDZ1; Q9BV69; A8K5E0; B4DJT4
Molecular Weight	47,761 Da
NCBI Official Full Name	S-phase kinase-associated protein 2 isoform 3
NCBI Official Synonym Full Names	S-phase kinase-associated protein 2, E3 ubiquitin protein ligase
NCBI Official Symbol	SKP2
NCBI Official Synonym Symbols	p45; FBL1; FLB1; FBXL1
NCBI Protein Information	S-phase kinase-associated protein 2; p45skp2; F-box/LRR-repeat protein 1; CDK2/cyclin A-associated protein p45; S-phase kinase-associated protein 2 (p45)
UniProt Protein Name	S-phase kinase-associated protein 2
UniProt Gene Name	SKP2
UniProt Synonym Gene Names	FBXL1
UniProt Entry Name	SKP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/skp2-recombinant-antibody-clone-3c11-flow-cytometry-immunofluorescence-elisa/243805>