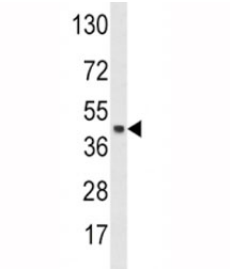
SKP2 Antibody (F51164)

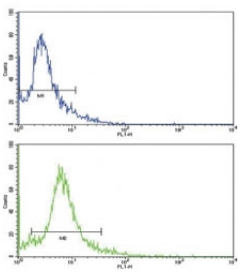
Catalog No.	Formulation	Size
F51164-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51164-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q13309
Applications	Western Blot : 1:1000 Flow Cytometry : 1:10-1:50
Limitations	This SKP2 antibody is available for research use only.



Western blot analysis of SKP2 antibody and HeLa lysate. Predicted molecular weight ~48 kDa



Flow cytometric analysis of HeLa cells using SKP2 antibody (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

SKP2 is a member of the F-box protein family which is 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 WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbls class; in addition to an F-box, this protein contains 10 tandem leucine-rich repeats. This protein is an essential element of the cyclin A-CDK2 S-phase kinase. It specifically recognizes phosphorylated cyclin-dependent kinase inhibitor 1B (CDKN1B, also referred to as p27 or KIP1) predominantly in S phase and interacts with S-phase kinase-associated protein 1 (SKP1 or p19). In addition, this gene is established as a protooncogene causally involved in the pathogenesis of lymphomas.

Application Notes

Titration of the SKP2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 156-185 from the human protein was used as the immunogen for this SKP2 antibody.

Storage

Aliquot the SKP2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.