Product Datasheet

SKP2 Rabbit mAb

Catalog No: #52860

Package Size: #52860-1 50ul #52860-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

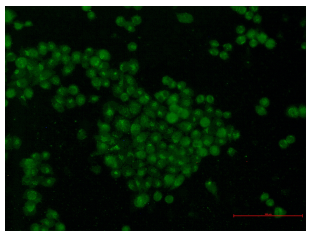
Description

Product Name	SKP2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S08-0A2
Isotype	IgG
Purification	Affinity Purified
Applications	IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human SKP2
Conjugates	Unconjugated
Modification	Unmodification
Other Names	p45; FBL1; FLB1; FBXL1
Accession No.	Swiss-Prot:Q13309GeneID:6502
Uniprot	Q13309
GeneID	6502
Calculated MW	Calculated MW:48 kDa,Observed MW:48 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

ICC/IF: 1/20

Images



Immunocytochemistry of SKP2 (green) in hela using SKP2 Rabbit mAb at dilution 1/50, and DAPI(blue)

Background

This gene encodes 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. Alternative splicing of this gene generates three transcript variants encoding different isoforms. [provided by RefSeq, Jul 2011]

Note: This product is for in vitro research use only