

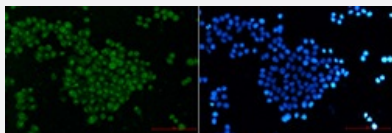
RecomAb™

# SKP2 recombinant monoclonal antibody, clone R08-0A2

Catalog # RAB01361      Size 100 uL

## Applications

### Immunocytochemistry



Immunocytochemistry analysis of SKP2 (green) in hela using SKP2 Rabbit mAb, and DAPI (blue).

## Specification

|                             |   |
|-----------------------------|---|
| <b>Product Description</b>  | Rabbit recombinant monoclonal antibody raised against human SKP2.   |
| <b>Antibody Species</b>     | Rabbit  |
| <b>Immunogen</b>            | Original antibody is raised against recombinant protein corresponding to human SKP2.  |
| <b>Theoretical MW (kDa)</b> | Calculated MW: 48 kD  |
| <b>Reactivity</b>           | Human   |
| <b>Form</b>                 | Liquid  |
| <b>Purification</b>         | Affinity purification   |
| <b>Isotype</b>              | IgG   |
| <b>Recommend Usage</b>      | Immunocytochemistry<br>Immunofluorescence<br>Western Blot<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>       | In 50mM Tris-Glycine, pH 7.4, (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)                                      |

**Storage Instruction**

Store at 4°C. For longer storage, aliquot and store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot
- Immunocytochemistry  
Immunocytochemistry analysis of SKP2 (green) in hela using SKP2 Rabbit mAb, and DAPI (blue).
- Immunofluorescence

## Gene Info — SKP2

**Entrez GeneID** [6502](#)

**Protein Accession#** [Q13309](#)

**Gene Name** SKP2

**Gene Alias** FBL1, FBXL1, FLB1, MGC1366

**Gene Description** S-phase kinase-associated protein 2 (p45)

**Omim ID** [601436](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary**

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 2 transcript variants encoding different isoforms. [provided by RefSeq]

**Other Designations**

CDK2/cyclin A-associated protein p45|S-phase kinase-associated protein 2

**Pathway**

- [Cell cycle](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)
- [Ubiquitin mediated proteolysis](#)

**Disease**

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)