



SKP2 Mouse Monoclonal Antibody

E10-20290

Background: SKP2. S-phase kinase-associated protein 2 (p45). 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.

Catalog Number: E10-20290

Amount: 100 μ g/100 μ l

Clone Number: 6G9D10

Species: Mouse IgG1

Aliases: FBL1; FLB1; FBXL1; MGC1366; SKP2

Entrez Gene: 6502

Immunogen: Purified recombinant fragment of SKP2 (aa1-130) expressed in E. Coli.

Storage: Store at 4 $^{\circ}$ C after 20ng μ l/erm storage, sto

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB ,ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB.1/500 - 1/2000.ELISA. Propose dilution 1/10000.

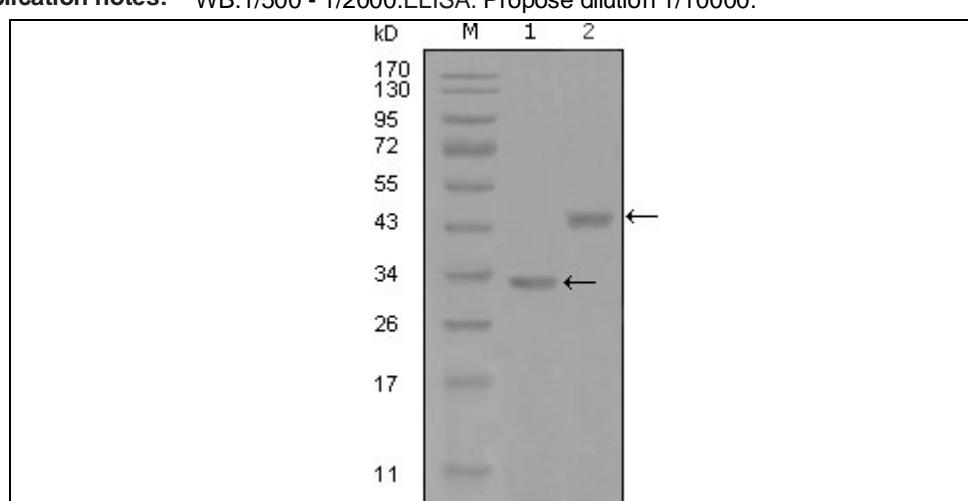


Figure 1. Western blot analysis using SKP2 mouse mAb against truncated Trx-SKP2 recombinant protein (1) and GST-SKP2 (aa1-130) recombinant protein (2).