G-Biosciences Image not found or type unknown

# Immunotag™ Phospho-Skp2 (Ser64) Antibody

## Antibody Specification

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| Catalog No. | ITA0736 |
| Product Description | Immunotag™ Phospho-Skp2 (Ser64) Antibody |
| Size | 100 µg, 200 µg |
| Conjugation | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647 |
| IMPORTANT NOTE | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return. |
| Target Protein | Phospho-Skp2 (Ser64) |
| Clonality | Polyclonal |
| Storage/Stability | -20°C/1 year |
| Application | WB,IHC |
| Recommended Dilution | WB 1:500-1:2000, IHC 1:50-1:200 |
| Concentration | 1 mg/ml |
| Reactive Species | Human,Mouse |
| Host Species | Rabbit |
| Immunogen | A synthesized peptide derived from human Skp2 around the phosphorylation site of Ser64. |
| Specificity | Phospho-Skp2 (Ser64) Antibody detects endogenous levels of Skp2. |
| Purification | The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns. |
| Form | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt |
| Gene Name | SKP2 |
| Accession No. | Q13309 |
| Alternate Names | CDK2/Cyclin A associated protein p45; Cyclin A/CDK2 associated protein p45; Cyclin-A/CDK2-associated protein p45; F box protein Skp2; F box/LRR repeat protein 1; F-box protein Skp2; F-box/LRR-repeat protein 1; FBL 1; FBL1; FBXL 1; FBXL1; FLB 1; FLB1; MGC1366; p45; p45skp2; S phase kinase associated protein 2 (p45); S phase kinase associated protein 2; S-phase kinase-associated protein 2; S-phase kinase-associated protein 2 E3 ubiquitin protein ligase; SKP 2; Skp2; SKP2_HUMAN; |

## Antibody Specification

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| Description | 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. |
| Cell Pathway/ Category | Primary Polyclonal Antibody |
| Protein MW | 48kDa |
| Usage | For Research Use Only! Not for diagnostic or therapeutic procedures. |