

SKP1 Monoclonal Antibody (4E11)

| Product Details | |
|--------------------|--|
| Size | 100 µL |
| Species Reactivity | Human, Mouse, Non-human primate |
| Host/Isotope | Mouse / IgG1 |
| Class | Monoclonal |
| Type | Antibody |
| Clone | 4E11 |
| Conjugate | Unconjugated |
| Immunogen | Purified recombinant fragment of human SKP1 expressed in E. Coli. |
| Form | Liquid |
| Storage buffer | ascites |
| Contains | 0.03% sodium azide |
| Storage Conditions | Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. |
| RRID | AB_11153724 |

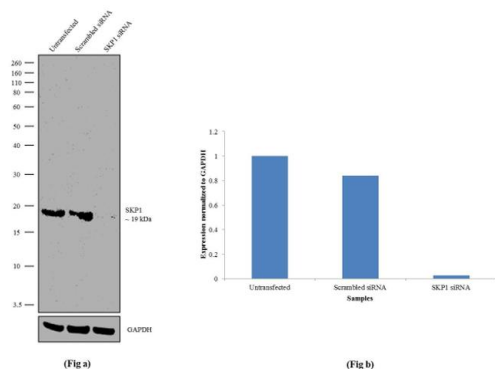
| Applications | Tested | Dilution | Published |
|----------------------------|--------|----------------|-----------|
| Flow Cytometry (Flow) | ✓ | 1/200 - 1/400 | |
| Immunocytochemistry (ICC) | ✓ | 1:100 | |
| Immunofluorescence (IF) | ✓ | 1:100 | |
| Immunohistochemistry (IHC) | ✓ | 1/200 - 1/1000 | |
| Western Blot (WB) | ✓ | 1:1000 | |

Product Specific Information

MA5-15928 targets SKP1 in FACS, IF, IHC, and WB applications and shows reactivity with Human samples.

The MA5-15928 immunogen is purified recombinant fragment of human SKP1 expressed in E. Coli. .

MA5-15928 detects SKP1 which has a predicted molecular weight of approximately 19kDa.



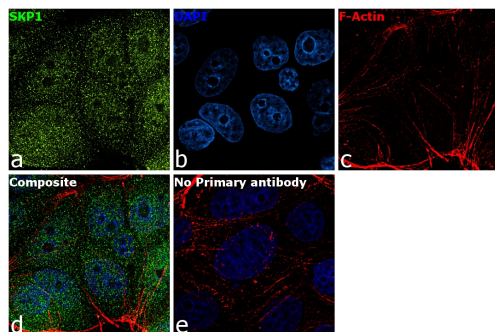
SKP1 Antibody (MA5-15928)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. U-87 MG cells were transfected with SKP1 siRNA and decrease in signal was observed in Western Blot using Anti-SKP1 Monoclonal Antibody (Product # MA5-15928). KnockDown validation info.

Product Images For SKP1 Monoclonal Antibody (4E11)

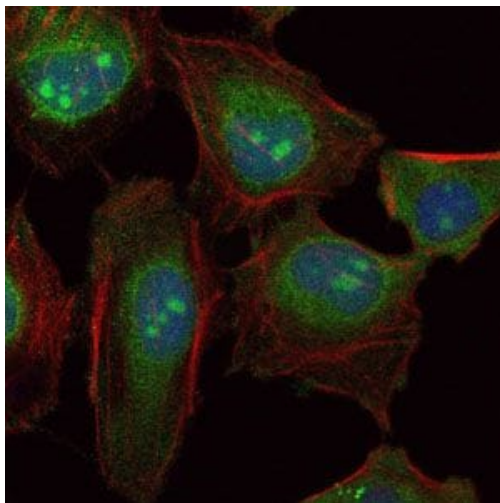
SKP1 Antibody (MA5-15928) in IF

Immunofluorescence analysis of SKP1 was performed using 70% confluent log phase MCF-7 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with SKP1 Mouse Monoclonal Antibody (4E11) (Product # MA5-15928) at 1:100 dilution in 0.1% BSA, incubated at 4 degree Celsius overnight and then labeled with Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A28175) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing cytoplasmic and nuclear localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



SKP1 Antibody (MA5-15928) in IF

Immunofluorescence analysis of HeLa cells using SKP1 monoclonal antibody (Product # MA5-15928) (Green). Blue: DRAQ5 fluorescent DNA dye. Red: actin filaments have been labeled with phalloidin.



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