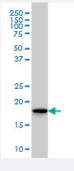


# SKP1A monoclonal antibody (M01), clone 1H8

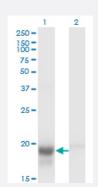
Catalog # H00006500-M01 Size 100 ug

## Applications



#### Western Blot (Cell lysate)

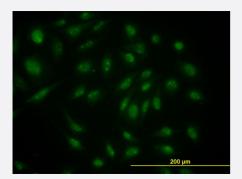
SKP1A monoclonal antibody (M01), clone 1H8 Western Blot analysis of SKP1A expression in HeLa ( Cat # L013V1 ).



#### Western Blot (Transfected lysate)

Western Blot analysis of SKP1 expression in transfected 293T cell line by SKP1A monoclonal antibody (M01), clone 1H8.

Lane 1: SKP1 transfected lysate(18.1 KDa). Lane 2: Non-transfected lysate.



#### Immunofluorescence

Immunofluorescence of monoclonal antibody to SKP1A on HeLa cell. [antibody concentration 10 ug/ml]



#### **Product Information**

175-	
83 -	
62 -	
47.5-	
32.5=	
25-	

Western Blot detection against Immunogen (37.62 KDa).

Specification	
Product Description	Mouse monoclonal antibody raised against a partial recombinant SKP1A.
Immunogen	SKP1A (NP_008861, 53 a.a. ~ 160 a.a) partial recombinant protein with GST tag. MW of the GST ta g alone is 26 KDa.
Sequence	AILKKVIQWCTHHKDDPPPPEDDENKEKRTDDIPVWDQEFLKVDQGTLFELILAANYLDIKGLLDV TCKTVANMIKGKTPEEIRKTFNIKNDFTEEEEAQVGSTQFCL
Host	Mouse
Reactivity	Human
lsotype	lgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.62 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

# Applications

• Western Blot (Cell lysate)

SKP1A monoclonal antibody (M01), clone 1H8 Western Blot analysis of SKP1A expression in HeLa (Cat # L013V1). Protocol Download



#### **Product Information**

#### Western Blot (Transfected lysate)

Western Blot analysis of SKP1 expression in transfected 293T cell line by SKP1A monoclonal antibody (M01), clone 1H8.

Lane 1: SKP1 transfected lysate(18.1 KDa). Lane 2: Non-transfected lysate. Protocol Download

• Western Blot (Recombinant protein)

Protocol Download

- ELISA
- Immunofluorescence

Immunofluorescence of monoclonal antibody to SKP1A on HeLa cell. [antibody concentration 10 ug/ml]

## Gene Info — SKP1

Entrez GenelD	<u>6500</u>
GeneBank Accession#	<u>NM_006930</u>
Protein Accession#	<u>NP_008861</u>
Gene Name	SKP1
Gene Alias	EMC19, MGC34403, OCP-II, OCP2, SKP1A, TCEB1L, p19A
Gene Description	S-phase kinase-associated protein 1
Omim ID	<u>601434</u>
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a component of SCF complexes, which are composed of this protein, cullin 1, a ring-box protein, and one member of the F-box family of proteins. This protein binds directly to t he F-box motif found in F-box proteins. SCF complexes are involved in the regulated ubiquitinatio n of specific protein substrates, which targets them for degradation by the proteosome. Specific F -box proteins recognize different target protein(s), and many specific SCF substrates have been i dentified including regulators of cell cycle progression and development. Studies have also chara cterized the protein as an RNA polymerase II elongation factor. Alternative splicing of this gene re sults in two transcript variants. A related pseudogene has been identified on chromosome 7. [prov ided by RefSeq
Other Designations	RNA polymerase II elongation factor-like protein OCP2 cyclin A/CDK2-associated p19 organ of C orti protein 2 transcription elongation factor B (SIII), polypeptide 1-like



### Publication Reference

• Finding of bands of higher molecular weight than expected in three proteins in bovine preimplantation embryos.

Kinterova V, Petruskova V, Kanka J, Toralova T.

Zygote (Cambridge, England) 2019 Jun; 27(3):187.

Application: WB, Bovine, Fibroblasts, Preimplantation embryos

#### Pathway

- <u>Cell cycle</u>
- TGF-beta signaling pathway
- <u>Ubiquitin mediated proteolysis</u>
- Wnt signaling pathway

#### Disease

• Tobacco Use Disorder