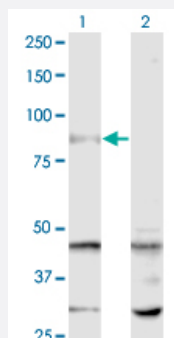


# SENTP5 monoclonal antibody (M01), clone 3C2

Catalog # H00205564-M01

Size 100 ug

## Applications

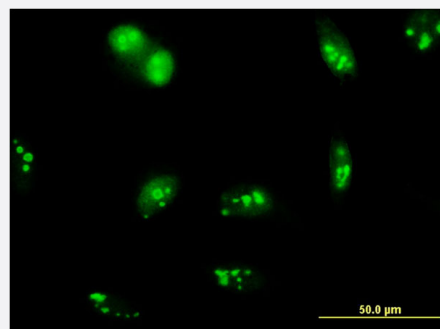


### Western Blot (Transfected lysate)

Western Blot analysis of SENP5 expression in transfected 293T cell line by SENP5 monoclonal antibody (M01), clone 3C2.

Lane 1: SENP5 transfected lysate (86.7 KDa).

Lane 2: Non-transfected lysate.



### Immunofluorescence

Immunofluorescence of monoclonal antibody to SENP5 on HeLa cell . [antibody concentration 10 ug/ml]

Western Blot detection against Immunogen (37.62 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant SENP5.

<b>Immunogen</b>	SENP5 (NP_689912, 2 a.a. ~ 109 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	KKQRKILWRKGIHLAFSEKWNTGFGGFKKFYFHQHLCLKAKLGRPVTWNRQLRHFQGRKKALQIQKTWIKDEHLCAKTKFNVATQNVSTLSSKVKRKDAKHFISSSK
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Isotype</b>	IgG2b Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.62 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of SENP5 expression in transfected 293T cell line by SENP5 monoclonal antibody (M01), clone 3C2.

Lane 1: SENP5 transfected lysate(86.7 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to SENP5 on HeLa cell . [antibody concentration 10 ug/ml]

## Gene Info — SENP5

**Entrez GeneID** [205564](#)

**GeneBank Accession#** [NM\\_152699](#)

**Protein Accession#** [NP\\_689912](#)

Gene Name	SENP5
Gene Alias	DKFZp564O1016, FLJ42398, MGC27076
Gene Description	SUMO1/sentrin specific peptidase 5
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>The reversible posttranslational modification of proteins by the addition of small ubiquitin-like SUMO proteins (see SUMO1; MIM 601912) is required for numerous biologic processes. SUMO-specific proteases, such as SENP5, are responsible for the initial processing of SUMO precursors to generate a C-terminal diglycine motif required for the conjugation reaction. They also have isopeptidase activity for the removal of SUMO from high molecular mass SUMO conjugates (Di Bacco et al., 2006 [PubMed 16738315]).[supplied by OMIM]</p>
Other Designations	SUMO1/sentrin specific protease 5