

Datasheet

SENP5 monoclonal antibody (M01), clone 3C2

Catalog Number: H00205564-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant SENP5.

Clone Name: 3C2

Immunogen: SENP5 (NP_689912, 2 a.a. ~ 109 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

KKQRKILWRKGIHLAFSEKWNTGFGGFKKFYFHQHLCL
LKAKLGRPVTVNRQLRHFQGRKKALQIKTWIKDEHL
CAKTKFNVATQNVSTLSSKVKRKDAKHFISSSK

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, WB-Re, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2b Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 205564

Gene Symbol: SENP5

Gene Alias: DKFZp564O1016, FLJ42398, MGC27076

Gene Summary: 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]