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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SENP6 monoclonal antibody (MA01), clone 4B7 (APC)

Catalog Number: H00026054-MA01

Regulation Status: For research use only (RUO)

Product Description: APC conjugated mouse monoclonal antibody raised against a partial recombinant SENP6.

Clone Name: 4B7

Immunogen: SENP6 (NP_056386, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MAAGKSGGSAGEITFLEALARSESKRDGGFKNNWSF
DHEEESGDTDKDGTNLLSVDEDEDETSKGKKNLR
SEIVANSSGEFILKTYVRRNKSESFKTLKGNPIGLNM

Host: Mouse

Interspecies Antigen Sequence: Mouse (79); Rat (80)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Conjugation: APC

Isotype: IgG2a 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: 26054

Gene Symbol: SENP6

Gene Alias: FLJ11355, FLJ11887, KIAA0389,
KIAA0797, SSP1, SUSP1

Gene Summary: Ubiquitin-like molecules (UBLs), such
as SUMO1 (UBL1; MIM 601912), are structurally related
to ubiquitin (MIM 191339) and can be ligated to target
proteins in a similar manner as ubiquitin. However,

covalent attachment of UBLs does not result in
degradation of the modified proteins. SUMO1
modification is implicated in the targeting of RANGAP1
(MIM 602362) to the nuclear pore complex, as well as in
stabilization of I-kappa-B-alpha (NFKBIA; MIM 164008)
from degradation by the 26S proteasome. Like ubiquitin,
UBLs are synthesized as precursor proteins, with 1 or
more amino acids following the C-terminal glycine-
glycine residues of the mature UBL protein. Thus, the tail
sequences of the UBL precursors need to be removed
by UBL-specific proteases, such as SENP6, prior to their
conjugation to target proteins (Kim et al., 2000 [PubMed
10799485]). SENPs also display isopeptidase activity for
deconjugation of SUMO-conjugated substrates (Lima
and Reverter, 2008 [PubMed 18799455]).[supplied by
OMIM]