

## Product datasheet

### anti-Proteasome 26S P27 Subunit mouse monoclonal, P27 (26S-104), supernatant

#### Short overview

|                 |       |
|-----------------|-------|
| <b>Cat. No.</b> | 65144 |
| <b>Quantity</b> | 5 ml  |

#### Product description

|                      |                                                                                              |
|----------------------|----------------------------------------------------------------------------------------------|
| <b>Host</b>          | Mouse                                                                                        |
| <b>Antibody Type</b> | Monoclonal                                                                                   |
| <b>Isotype</b>       | IgG1                                                                                         |
| <b>Clone</b>         | P27 (26S-104)                                                                                |
| <b>Immunogen</b>     | Nuclear 26S complexes of <i>Xenopus laevis</i> oocytes                                       |
| <b>Formulation</b>   | Contains 0.09% sodium azide                                                                  |
| <b>UniprotID</b>     | O00233 (Human), Q9WTV5 (Rat)                                                                 |
| <b>Synonym</b>       | 26S proteasome non-ATPase regulatory subunit 9, 26S proteasome regulatory subunit p27, PSMD9 |
| <b>Conjugate</b>     | Unconjugated                                                                                 |
| <b>Purification</b>  | Hybridoma cell culture supernatant                                                           |
| <b>Storage</b>       | Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles        |
| <b>Intended use</b>  | Research use only                                                                            |
| <b>Application</b>   | ICC/IF, WB                                                                                   |
| <b>Reactivity</b>    | Human, Rat, Rat kangaroo                                                                     |

#### Applications

|                                  |              |
|----------------------------------|--------------|
| <b>Immunocytochemistry (ICC)</b> | Ready-to-use |
| <b>Western Blot (WB)</b>         | 1:100        |

#### Background

The antibody recognizes the p27 subunit of the 20S subcomplex within the 26S hetero-oligomeric protein complex and the free cytosolic form of 20S cylinder particles.

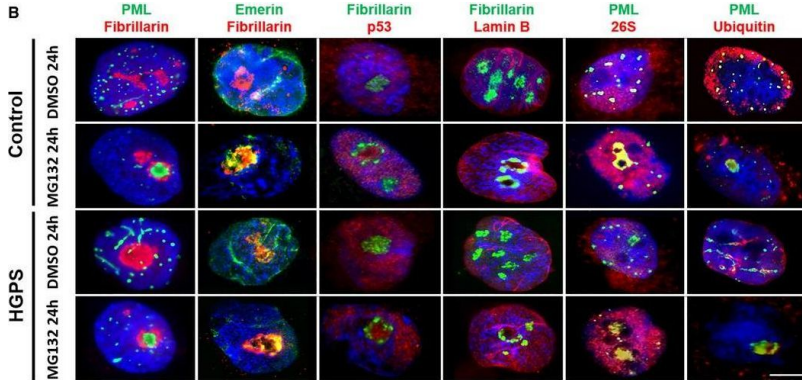
Polypeptide reacting: p27 subunit of 20S cylinder particles.

Reactivity on cultured cell lines: XLKE-A6 (*Xenopus laevis*), PLC (human), RVF (rat), Ptk2 (rat, kangaroo).

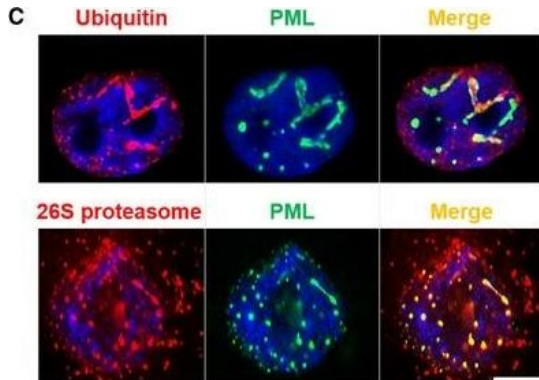
#### Product images



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[Harhouri, K., Navarro, C., et al. MG132-induced progerin clearance is mediated by autophagy activation and splicing regulation. EMBO Mol Med. 2017-09-01.](#) Species/Reactant: Homo sapiens (Human)Applications: Immunocytochemistry-immunofluorescenceImage collected and cropped by CiteAb from the following publication, provided under a CC-BY licence.



[Harhouri, K., Navarro, C., et al. MG132-induced progerin clearance is mediated by autophagy activation and splicing regulation. EMBO Mol Med. 2017-09-01.](#) Species/Reactant: Homo sapiens (Human)Applications: Immunocytochemistry-immunofluorescenceImage collected and cropped by CiteAb from the following publication, provided under a CC-BY licence.

## References

| Publication                                                                                                                                                          | Species | Application |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------|
| <a href="#">Harhouri, K. et al. MG132-induced progerin clearance is mediated by autophagy activation and splicing regulation. EMBO.Mol.Med. 9, 1294-1313 (2017).</a> | human   | ICC-IF      |