

BM2134**Monoclonal Antibody to PSMD9 - Supernatant**

Alternate names:	26S proteasome non-ATPase regulatory subunit 9, 26S proteasome regulatory subunit p27
Quantity:	5 ml
Uniprot ID:	O00233
NCBI:	NP_002804
GenelD:	5715
Host / Isotype:	Mouse / IgG1
Clone:	p27(26S-104)
Immunogen:	Nuclear 26S complexes of <i>Xenopus laevis</i> oocytes
Format:	State: Culture Supernatant contains 0.09% NaN ₃ Purification: Hybridoma culture supernatant
Applications:	Immunofluorescence microscopy: Ready to use; 20 - 30 min at RT, longer incubation may result in loss of soluble antigen. Western Blot: 1:100 when using the ECL method. Immunoprecipitation (Ascites*). Affinity chromatography (Ascites*). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognizes the 20S subcomplex within the 26S hetero-oligomeric protein complex and the free cytosolic form of 20S cylinder particles; the epitope is resistant to formaldehyde fixation (up to 4%) <u>Antigen Recognized in Species and Cultured Cell Lines (tested so far):</u> <i>Xenopus laevis</i> ; XLKE-A6 (<i>Xenopus laevis</i>); PLC (human); RVF (rat); Ptk2 (rat, kangaroo)
Add. Information:	* Ascites available upon request.
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.
General Readings:	1. Peters JM, Franke WW, Kleinschmidt JA. Distinct 19 S and 20 S subcomplexes of the 26 S proteasome and their distribution in the nucleus and the cytoplasm. J Biol Chem. 1994 Mar 11;269(10):7709-18. PubMed PMID: 8125997. 2. J.-M. Peters: Proteasomes: protein degradation machines of the cell. TIBS 19, September 1994. 3. Peters, J.M., Cejka, Z., Harris, J.R., Kleinschmidt, J.A. and Baumeister, W.: Structural Features of the 26 S Proteasome Complex. J. Mol. Biol. 234, 932-937 (1993).