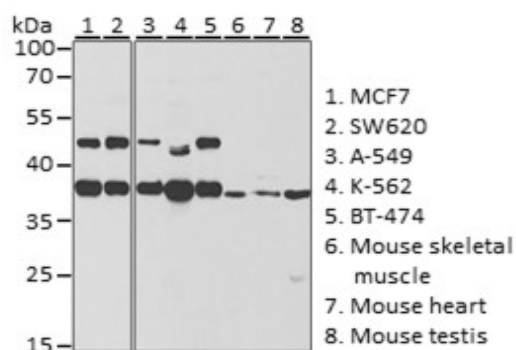
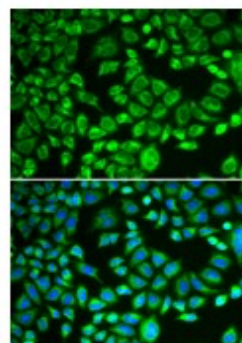


Product Name: Rpn8 Rabbit pAb
Catalog #: Y2372-20; Y2372-100
Also Known As: PSMD7; MOV34; P40; Rpn8; S12
Quantity: 20 µl for Y2372-20; 100 µl for Y2372-100
Concentration: See labels on tube
Host Species: Rabbit
Isotype: IgG
Reactivity: Human, Mouse
Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-324 of human Rpn8.
Swiss Prot. #: P51665
Calculated MW: 37 kDa
Detected MW: 37 kDa
Applications: WB (1:500 - 1:2,000)
 IHC (1:50 - 1:200)
 IF (1:50 - 1:200)
 IP (not tested)
 Note: Antibody dilution should be optimized by users.

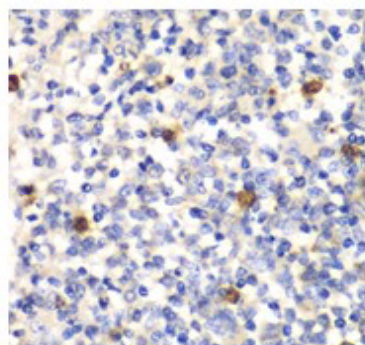
Images:



Immunoblotting 25 µg whole cell extracts of various cell lines using Rpn8 antibody (Y2372) at 1:1,000 dilution.



Immunofluorescence of MCF-7 cells using Rpn8 antibody (Y2372) at 1:100 dilution. Blue: DAPI nuclear staining.



Immunohistochemistry of paraffin-embedded mouse spleen using Rpn8 antibody (Y2372) at 1:100 dilution.

Purification:	Protein A or G affinity purification
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Storage:	Store at -20°C. Centrifuge to maximize product recovery.
Background:	Rpn8 is a subunit of the 19S regulatory particle (PA700) of the 26S proteasome. The 26S proteasome is composed of 33 different proteins and responsible for degrading polyubiquitinated proteins in a ATP hydrolysis-dependent manner. The 19S regulatory particle can bind polyubiquitin chains to recruit substrates, deubiquitinate to recycle ubiquitin, unfold substrate proteins under ATP hydrolysis, and translocate unfolded proteins to the 20S proteasome for hydrolysis.
Reference:	1. Gridley T, et al. (1991) Genomics 11, 501 - 507. 2. Imai F, et al. (2010) Development 137(19), 3257 - 3268 .
Note:	This product is for research use only.