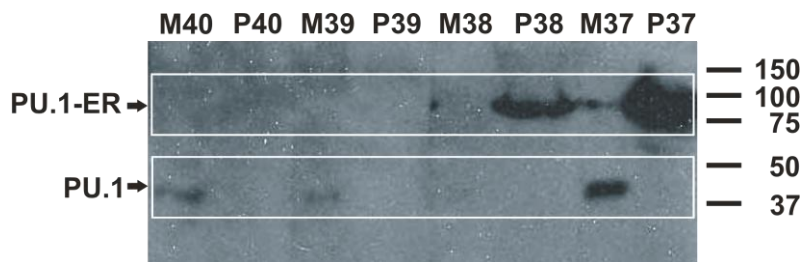


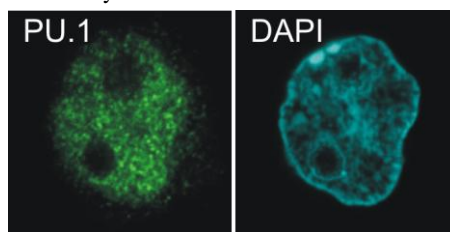
## Anti PU1

Rabbit polyclonal antibody

<b>Catalogue number</b>	R-039-AI-01, R-040-AI-01
<b>Source</b>	rabbit
<b>Storage buffer</b>	PBS, 0.01 NaN3
<b>Concentration</b>	0.5 mg/ml
<b>Immunogen</b>	PU.1-ER synthetic peptide
<b>Tested applications</b>	Immunofluorescence (dilution 1:100) Western Blot (dilution 1:500)



**Figure 1.** Detection of PU.1 and PU.1-ER using the anti-PU.1 antibodies on WB. Protein lysates were prepared by the RIPA buffer lysis of  $1 \times 10^6$  Murine erythroleukemia (MEL) cells that express PU.1 (M) or murine hematopoietic progenitor cells isolated from PU.1 knockout mice and expressing transgenic PU.1-ER (P). SDS-PAGE were run and blotted on membranes and incubated with four different anti-PU.1 antibodies (37, 38, 39, 40) in a dilution 1:500 in PBS-Tween20 solution. Secondary antibody (anti-rabbit linked with horse reddish peroxidase) was used in a dilution 1:4000 followed by luminescence detection on X-ray film.



**Figure 2.** Immunofluorescence of PU.1 in MEL cells with anti-PU.1 antibody (R-037-AI-01, dilution 1:100 in 1% BSA-PBS). Cells were fixed in 3.5% paraformaldehyde in PBS, permeabilized with 0.5% Triton X-100 in PBS and blocked using 3% non-fat milk in PBS. Secondary antibody (Alexa Fluor 488, Invitrogen, cat.# A-11070) was used in a dilution 1:200 in 2% BSA-PBS. DNA was counterstained with DAPI

**For research and manufacturing only, not for use in diagnostic applications.**

**Storage conditions:** Long term storage at  $-70^{\circ}\text{C}$ . Apronex guarantees optimal performance of this product for 12 months after date of delivery. Avoid freeze / thaw cycles.

**Country of origin:** Czech Republic