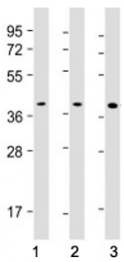
# PU.1 Antibody [clone 1835CT291.10.52] (F54093)

| Catalog No. | Formulation | Size |
|---|---|---|
| F54093-0.2ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.2 ml |
| F54093-0.05ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.05 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Mouse |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgG1, kappa |
| **Clone Name** | 1835CT291.10.52 |
| **Purity** | Protein G purified |
| **UniProt** | P17947 |
| **Applications** | WB: 1:500 |
| **Limitations** | This PU.1 antibody is available for research use only. |




Western blot testing of PU.1 antibody at 1:500: Lane 1) human K562, 2) Daudi and 3) THP1 cell lysate. Predicted molecular weight ~31 kDa but routinely observed at ~40 kDa.

## Description

Transcription factor PU.1 binds to the PU-box, a purine-rich DNA sequence (5'- GAGGAA-3') that can act as a lymphoid-specific enhancer. This protein is a transcriptional activator that may be specifically involved in the differentiation or activation of macrophages or B- cells. Also binds RNA and may modulate pre-mRNA splicing (By similarity). [UniProt]

## Application Notes

The stated application concentrations are suggested starting points. Titration of the PU.1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Recombinant human SPI1/PU.1 was used as the immunogen for the PU.1 antibody.

## Storage

Aliquot the PU.1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.


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