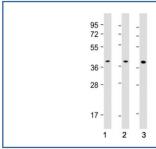


PU.1 Antibody [clone 1835CT291.10.52] (F54093)

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
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	1835CT291.10.52
Purity	Protein G purified
UniProt	P17947
Applications	Western Blot : 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 \sim 31 kDa but routinely observed at \sim 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.