

This product is intended for research purposes only. This product is not intended to be used for therapeutic or diagnostic purposes in humans or animals.

Applications	Species Cross-Reactivity*	Isotype
F Endogenous	H, M	Rabbit IgG

Description

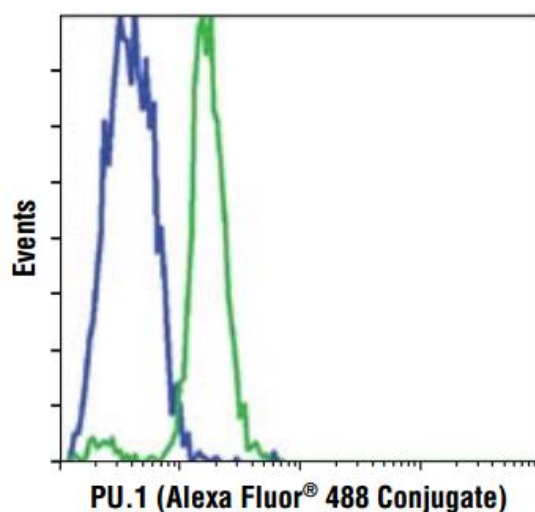
This Cell Signaling Technology antibody is conjugated to Alexa Fluor® 488 fluorescent dye and tested in-house for direct flow cytometric analysis of human cells. The unconjugated antibody #2258 reacts with human and mouse PU.1 protein. CST expects that PU.1 (9G7) Rabbit mAb (Alexa Fluor® 488 Conjugate) will also recognize PU.1 in these species.

Specificity/Sensitivity

PU.1 (9G7) Rabbit mAb (Alexa Fluor® 488 Conjugate) detects endogenous levels of total PU.1 protein. This antibody does not cross react with other Ets family members

Source/Purification

Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to the sequence of human PU.1 protein. The antibody was conjugated to Alexa Fluor® 488 under optimal conditions with an F/P ratio of 2-6.



Flow cytometric analysis of MCF-7 cells (blue) or THP-1 cells (green), using PU.1 (9G7) Rabbit mAb (Alexa Fluor® 488 Conjugate).

Storage

Supplied in PBS (pH 7.2), less than 0.1% sodium azide, 2 mg/ml BSA. Store at 4 °C. Protect from light. Do not freeze.

*Species cross-reactivity other than human is determined by western blot using the unconjugated antibody.

Recommended Antibody Dilutions: Flow Cytometry 1:50