CHO-CD22 cells were generated from the chinese hamster ovary cell line CHO by transduction with replication-defective lentivirus encoding human CD22. Surface expression of CD22 was confirmed by flow cytometry (Figure 1).

Storage

Store vial in liquid nitrogen immediately upon receipt.

Formulation

Cells are cryopreserved in 0.5 ml - 1 ml of 90% FBS + 10% DMSO.

Thaw Protocol

Partially immerse the vial in a 37°C water bath with gentle shaking until most of the medium is thawed. In a tissue culture hood, add 1 ml of pre-warmed culture medium into the vial and immediately transfer the contents of the vial to a centrifuge tube containing 5-10 ml of pre-warmed culture medium. Centrifuge the tube at room temperature for 5 minutes, aspirate the supernatant and suspend the cell pellet in 5-10 ml of pre-warmed culture medium.

Culture Protocol

CHO-CD22 is an adherent cell line. Culture the cells in F12k medium containing 10% FBS using a humidified incubator set to 5% CO2. When the cell monolayer is nearly confluent, use trypsin-EDTA to detach the cells from the culture flask and immediately neutralize the trypsin by adding fresh, pre-warmed culture medium to the cells. Cells should be passaged at least twice per week.

Notices & Disclaimer

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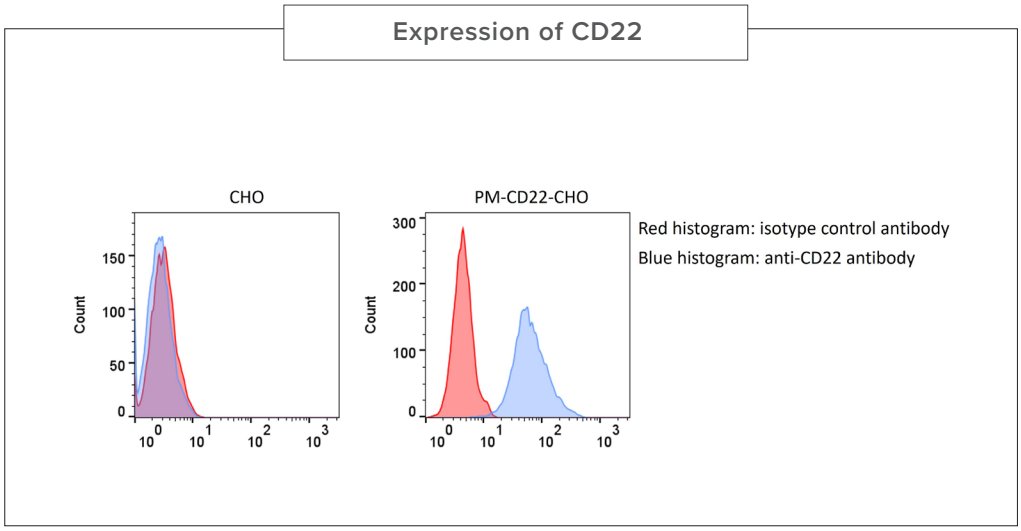

Figure 1. PM-CD22-CHO cells and parental CHO cells were stained with an antibody specific for CD22 and an isotype control antibody. The CD22 antibody bound to PM-CD22-CHO cells but not to CHO cells.

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