

hEPO Effector Reporter Cell

CBP74169

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I. Background

EPO (Erythropoietin) is a Protein Coding gene. Diseases associated with EPO include Diamond-Blackfan Anemia-Like and Erythrocytosis, Familial, 5. Among its related pathways are Signaling by Erythropoietin and Development EPO-induced Jak-STAT pathway.

II. Introduction

Expressed gene: hEPO

Stability: 32 passages (in-house test, that not means the cell line will be instable beyond the passages we tested.)

Freeze Medium: 90% FBS+10% DMSO

Culture Medium:

DMEM+10%FBS+2ug/ml puromycin+200ug/ml hygromycin



Mycoplasma Testing: Negative

Storage: Liquid nitrogen

Application(s): Functional(Report Gene) Assay

III. Representative Data



	Population Name	Mean , FL2-A
	HEPO Effector Reporter cell+anti-EPOR	1.58E5
	Control Cell+anti-EPOR	1.24E4

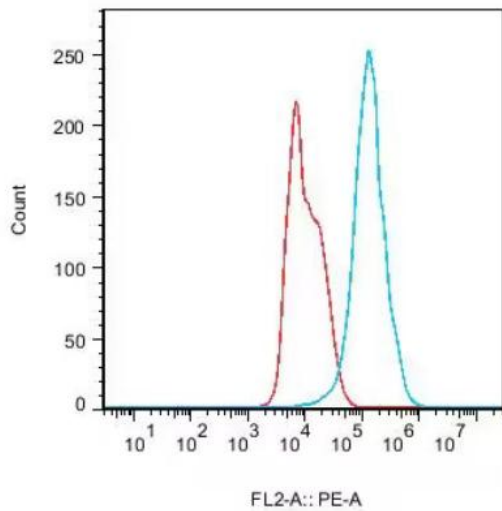


Figure 1. Recombinant hEPO Effector Reporter Cell constitutively expressing EPOR.

Dose Response of Recombinant Human EPO in hEPO Effector Reporter Cells (C5)

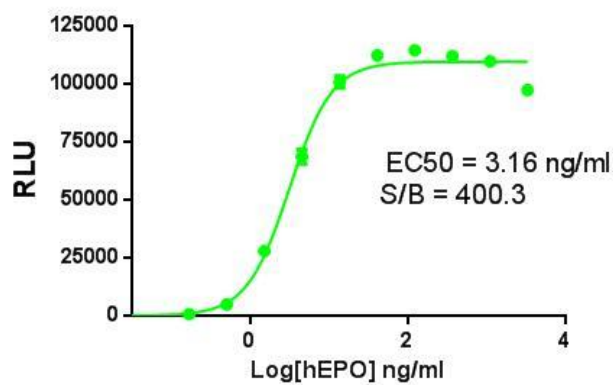


Figure 2. Dose Response of Recombinant Human EPO in hEPO Effector Reporter Cells (C5).

