

IL22 Effector Reporter Cell

CBP74175

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I. Background

Interleukin-22 (IL-22) is protein that in humans is encoded by the IL22 gene. IL-22 primarily targets non-hematopoietic epithelial and stromal cells where it can promote proliferation and play a role in tissue regeneration. In addition, IL-22 regulates host defense at barrier surfaces. However, IL-22 has also been linked to several conditions involving inflammatory tissue pathology.

II. Introduction

Expressed gene: IL22R

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

Synonym(s): Interleukin-22、IL-TIF、ILTIF、ZCYTO18

Freeze Medium: 90% FBS+10% DMSO

Culture Medium: DMEM+10%FBS+2ug/ml puromycin+200ug/ml

hrptomycin+5ug/ml blasticidin



Mycoplasma Testing: Negative

Storage: Liquid nitrogen



Application(s): Functional (Report Gene) Assay

III. Representative Data

	Population Name	Mean , FL4-A
	IL22 Effector Reporter Cell+anti-IL22R	1.10E5
	Control cell+anti-IL22R	2484

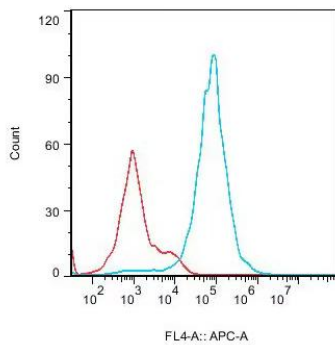




Figure 1. Recombinant IL22 Effector Reporter Cell constitutively expressing IL22R.

	Population Name	Mean , FL4-A
	IL22 Effector Reporter Cell+anti-IL10RB	4.62E5
	Control cell+anti-IL10RB	1.68E4

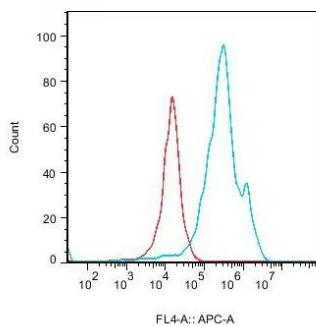


Figure 2. Recombinant IL22 Effector Reporter Cell constitutively expressing IL10RB.



Dose Response of Recombinant Human IL-22 in Human IL22 Effector Reporter Cells (C8)

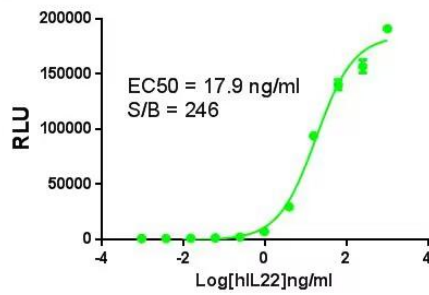


Figure 3. Dose Response of Recombinant Human IL-22 in Human IL-22 Effector Reporter Cells(C8).

Inhibition of hIL-22-induced Reporter Activity by IL-22 Neutralization Ab in IL22 Effector Reporter Cells (C8)

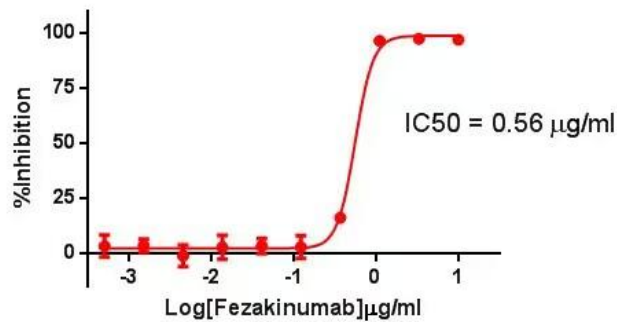


Figure 4. Inhibition of IL-22-induced Reporter Activity By IL-22 Neutralization Ab in IL-22 Effector Reporter Cells(C8).

