

VEGF(KDR) Effector Reporter Cell CBP74162

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I. Background

Vascular endothelial growth factor (VEGF), also known as vascular permeability factor (VPF), is a highly specific vascular endothelial cell growth factor that promotes increased vascular permeability, extracellular Matrix degeneration, vascular endothelial cell migration, proliferation and angiogenesis.

KDR (Kinase Insert Domain Receptor) is a Protein Coding gene. Diseases associated with KDR include Hemangioma, Capillary Infantile and Angioma, Tufted.

II. Introduction

Expressed gene: VEGF(KDR)

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



Storage: Liquid nitrogen

Application(s): Functional(Report Gene) Assay

III. Representative Data

Dose Response of Recombinant Human VEGF in VEGF/KDR Effector Reporter Cells (C1C42)

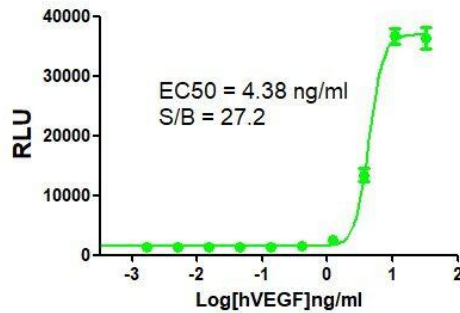


Figure 1. Dose Response of Recombinant Human VEGF in VEGF/KDR Effector Reporter Cells (C1C42).

Inhibition of hVEGF-Induced Reporter Activity by KDR Inhibitor in hVEGF/KDR Effector Reporter Cells (C1C42)

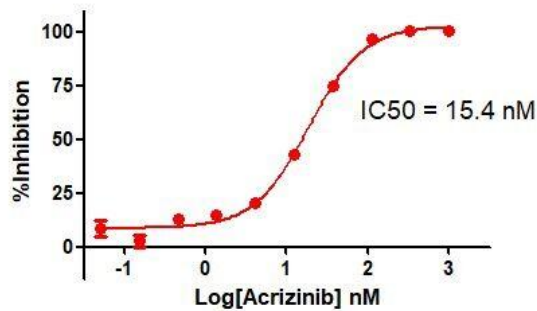


Figure 2. Inhibition of hVEGF-Induced Reporter Activity by KDR Inhibitor in hVEGF/KDR Effector Reporter Cells (C1C42).



Inhibition of hVEGF-Induced Reporter Activity by VEGF Neutralization Ab in hVEGF/KDR Effector Reporter Cells (C1C42)

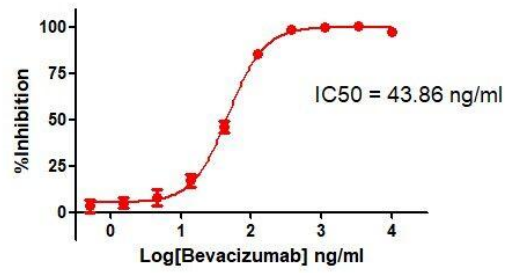


Figure 3. Inhibition of hVEGF-Induced Reporter Activity by VEGF Neutralization Ab in hVEGF/KDR Effector Reporter Cells (C1C42).

