

# **TLR9/NF $\kappa$ B-Luc/HEK293**

## **CBP74091**

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## I. Background

Recombinant HEK293 cell expressing firefly luciferase gene under the control of NF- $\kappa$ B response elements with constitutive expression of human TLR9 (Toll-like receptor 9, also been designated as CD289, a member of the toll-like receptor (TLR) family. GenBank Accession No. NM\_017442).

## II. Introduction

Host Cell: HEK293

Expressed gene: TLR9、NF $\kappa$ B-Luc

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

Synonym(s): TLR, TLR-9, tlr, nfkb, nf-kb

Freeze Medium: 90% FBS+10% DMSO

Culture Medium: MEM+10%FBS+1% non-essential amino acids(NEAA)

+1 mM Na pyruvate+50  $\mu$ g/ml Hygromycin B+2ug/ml puromycin

Mycoplasma Testing: Negative

Storage: Liquid nitrogen



Application(s): Functional(Report Gene) Assay

### III. Description of Host Cell Line

Organism: Homo sapiens, human

Tissue: Embryonic kidney

Disease: Normal

Morphology: Epitheloid cell

Growth Properties: Adherent

### IV. Representative Data

TLR9/NF- $\kappa$ B Reporter - HEK293 Recombinant Cell Line (C3)

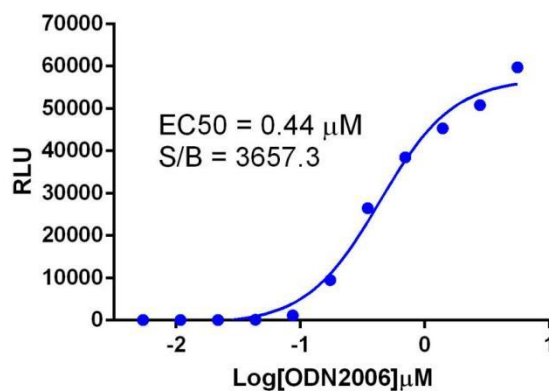


Figure 1. Detect Luciferase assay by Ultra Luciferase Detection Kit CBPH0001 ( we strongly suggest to purchase from Cobioer).TLR9/NF- $\kappa$ B Reporter - HEK293 Recombinant Cell Line (C3).

