

# **OX40/CHO**

# **CBP74038**

## **Contents**

I. Background.....	1
II. Description.....	1
III. Introduction.....	1
IV. Description of Host Cell Line.....	2
V. Representative Data.....	2



## **OX40/CHO**

## **CBP74038**

### **I. Background**

OX40 (CD134) is a co-stimulatory receptor expressed on the surface of CD4<sup>+</sup> and CD8<sup>+</sup> T cells 24 to 48 hours after activation. Binding of OX40 to its ligand, OX40L (CD252), present on dendritic cells, potentiates T cell survival and increases cytokine production. OX40 has been shown to activate NF- $\kappa$ B-mediated memory cell generation through its interaction with adaptor proteins TRAF2 and TRAF5. OX40 has a critical role in the maintenance of an immune response beyond the first few days and onwards to a memory response.

### **II. Description**

Recombinant CHO stably expressing human OX40 (TNF receptor superfamily member 4, TNFRSF4, ACT35; CD134; IMD16; TXGP1L, GenBank Accession #NM\_003327).

### **III. Introduction**

Host Cell: CHO

Expressed gene: OX40



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

Synonym(s): TNFRSF4, ACT35, IMD16, TXGP1L, Tumor Necrosis Factor Receptor Superfamily Member 4, TNFRSF4, CD134

Freeze Medium: 90% FBS+10% DMSO

Culture Medium: F12k+10%FBS+5ug/ml puromycin

Mycoplasma Testing: Negative

Storage: Liquid nitrogen

Application(s): Binding Assay,FACS

#### **IV. Description of Host Cell Line**

Organism: *Cricetulus griseus*, hamster, Chinese

Tissue: Ovary

Disease: Hamster Chinese ovary

Morphology: Epitheloid cell

Growth Properties: Adherent

#### **V. Representative Data**



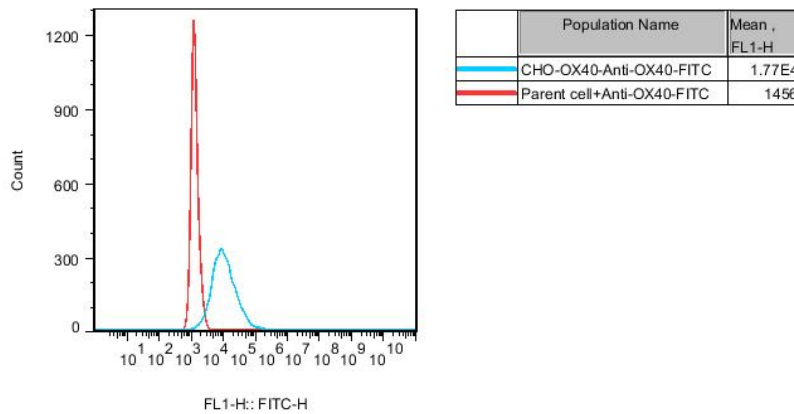


Figure 1. Recombinant CHO stably expressing human OX40 (TNF receptor superfamily member 4, TNFRSF4, ACT35; CD134; IMD16; TXGP1L, GenBank Accession #NM\_003327).

