

# **CD276/CHO**

# **CBP74141**

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## CD276/CHO

## CBP74141

### I. Background

CD276, CD276 molecule, is also known as B7-H3 and is a member of the B7 family of immune checkpoint regulators (PMID: 30035102) and may be a co-inhibitory protein for T-cell activation by binding to the IL20RA receptor (PMID: 31308249). Overexpression of CD276 (B7-H3) has been observed to correlate with poor prognosis, cell migration, and cell invasion in many solid tumor types including, endometrial, cervical, breast, kidney, colorectal (PMID: 30035102), non-small cell lung cancer (PMID: 31737785), and meningioma (PMID: 31629137).

### II. Introduction

Host Cell: CHO

Expressed gene: CD276

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

Culture Medium: F12K+10%FBS+5ug/ml puromycin

Storage: Liquid nitrogen

Application(s): Binding Assay, FACS



### III. Description of Host Cell Line

Organism: Hamster





Tissue: Ovary

Disease: Hamster Chinese ovary

Morphology: Epithelial

Growth Properties: Adherent

### IV. Representative Data

	Population Name	Mean , FL4-A	Mean , FL4-A
	CHO-CD276-C18	3.29E6	3.29E6
	CHO-CD276-C15	1.86E6	1.86E6
	CHO-CD276-C11	2.23E5	2.23E5
	CHO-K1	943	943

