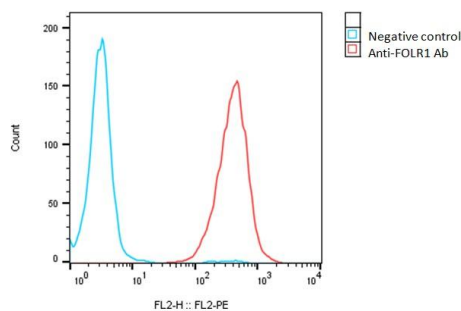


SPECIFICATIONS

Catalog Number	C3038
Cell Line Name	Human FOLR1-CHO-K1 stable cell line (HuFOLR1-CHO-K1)
Accession Number	P15328.3
Host Cell	Adherent CHO-K1
Quantity	Two vials of frozen cells (2x10 ⁶ per vial)
Culture Medium	DMEM with 10% FBS, 4µg/ml puromycin
Freezing Medium	90% FBS and 10% DMSO
Storage	Liquid nitrogen

DATA

Detection of human FOLR1 expression on human FOLR1-CHO-K1 stable cells using a monoclonal antibody specific for human FOLR1 (BioLegend, Cat #908303)


BACKGROUND

Folate receptor 1 (Folate receptor alpha, FOLR1) is a glycosyl-phosphatidylinositol (GPI)-linked membrane-bound protein, which exhibits a high affinity for folic acid and its reduced folic acid derivatives. FOLR1 mediates delivery of 5-methyltetrahydrofolate to the interior of cells. FOLR1 is involved in several cellular processes, including cell growth, survival, and signaling pathways. FOLR1 is expressed in kidney, placenta, serum, milk, and in several cell lines, while its expression has been found to be elevated in tumors of epithelial origin compared to normal tissue, including ovarian, breast, brain, lung and colorectal cancers. The tumor specificity of FOLR1 makes it a promising therapeutic target for the treatment of cancer.

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