

ICOSL cell line

ICOSL Stable Cell Line

CATALOG #
AAA78374

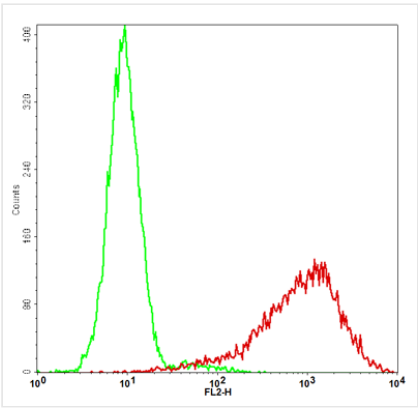
APPLICATIONS
Western Blot, Immunocytochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

ICOSL; ICOSL Stable Cell Line; ICOSL cell line

PRODUCT SPECIFICATIONS

Form/Format	Each vial contains 2 ~ 3 x 10 ⁶ cells in 1 ml of 90% FBS + 10% DMSO.
Sequence Positions	hICOSL (accession number NM_015259)
Sequence	MRLGSPGLLF LLFSSLRADT QEKEVRAMVG SDVELSCACP EGSRFDLNDV VYVWQTSESK TVVTYHIPQN SSENVDSRY RNRALMSPAG MLRGDFSLRL FNVTPQDEQK FHCLVLSQSL GFQEVLSVEV TLHVAANFSV PVVSAPHSPS QDELTFTCTS INGYPRPNVY WINKTDNSLL DQALQNDTVF LNMRLGYDVV SVLRIARTPS VNIGCCIEINV LLQQLTVGS QTGNDIGERD KITENPVSTG EKNAATWSIL AVLCLLVVVA VAIGWVCRDR CLQHSYAGAW AVSPETELTG HV
Applicable Applications for ICOSL cell line	WB (Western Blot), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Culture conditions	Cells should be grown at 37°C with 5% CO ₂ using DMEM medium (w/ L-Glutamine, 4.5g/L Glucose and Sodium Pyruvate) supplemented with 10% heat-inactivated FBS supplemented with 10% FBS and 1% Pen/Strep, plus 10 µg/ml of Blasticidin. It is recommended to quickly thaw the frozen cells upon receipt or from liquid nitrogen in a 37°C water-bath, transfer to a tube containing 10 ml of growth medium without Blasticidin, spin down cells, resuspend cells in pre-warmed growth medium without Blasticidin, transfer resuspended cells to T25 flask and culture in 37°C-CO ₂ incubator. Leave the T25 flask in the incubator for 1~2 days without disturbing or changing the medium until cells completely recover viability and become adherent. Once cells are over 90% adherent, remove growth medium and passage the cells through trypsinization and centrifugation. At first passage, switch to growth medium containing Blasticidin. Cells should be split before they reach complete confluence. To passage the cells, detach cells from culture vessel with Trypsin/EDTA, add complete growth medium and transfer to a tube, spin down cells, resuspend cells and seed appropriate aliquots of cells suspension into new culture vessels. Subcultivation ration = 1:10 to 1:20 weekly. To achieve satisfactory results, cells should not be passaged over 16 times.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Immediately upon receipt, store in liquid nitrogen. Dry Ice Shipment: Extra charge fee may add to your shipping cost as dry ice is required to ship this product. Shipping Note: Product is available for shipment in the United States, Canada and European countries. Please inquire for shipment to other countries.



Application Data
Fig-1: Detection of human ICOSL in the CHO-K1/ICOSL stable cell line by Flow Cytometry.
CHO-K1 cells (Green); CHO-K1/ICOSL cells (Red).

ADDITIONAL INFORMATION

Related Product Information for ICOSL cell line	ICOSL Stable Cell Line is a stably transfected CHO-K1 cell line which expresses human ICOS Ligand (ICOSL, also known as B7-H2, B7RP-1, and CD275).
Product Categories/Family for ICOSL cell line	Cell Lines; Stable Cell Lines

NCBI AND UNIPROT INFORMATION

NCBI GI #	545688894
NCBI GeneID	23308
NCBI Accession #	NP_001269981.1
NCBI GenBank Nucleotide #	NM_001283052.1
NCBI Official Full Name	ICOS ligand isoform d
NCBI Official Synonym Full Names	inducible T-cell costimulator ligand
NCBI Official Symbol	ICOSLG
NCBI Official Synonym Symbols	B7H2; GL50; B7-H2; B7RP1; CD275; ICOSL; LICOS; B7RP-1; ICOS-L
NCBI Protein Information	ICOS ligand
UniProt Protein Name	ICOS ligand
UniProt Gene Name	ICOSLG
UniProt Synonym Gene Names	B7H2; B7RP1; ICOSL; KIAA0653; B7-H2; B7RP-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.