

Product sheet

SW-1463 | 300623

Cell Line

**Description** SW-1463 is a cell line derived from a patient with KRAS G12S mutation. It is a fibroblast-like cell line that grows in the presence of insulin, transferrin, and selenium (ITS) supplements. The cell line is maintained in DMEM/F12 medium supplemented with ITS and 10% fetal bovine serum (FBS). The cell line is characterized by its high proliferation rate and its ability to form colonies in soft agar.

**Organism** Human

**Tissue** Fibroblast

**Disease** KRAS G12S mutation

**Applications** Cell culture, drug screening, cancer research

**Synonyms** SW-1463, SW-1463

Cell Line

**Age** 66 years

**Gender** Male

**Ethnicity** Caucasian

**Morphology** Fibroblast

**Growth properties** High proliferation rate, forms colonies in soft agar

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**Citation** SW-1463 (Cell Line) | 300623

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_1718

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<b>Surface antigens</b>	AB Rh ++
<b>Protein expression</b>	
<b>Antigen expression</b>	(CEA)
<b>Isoenzymes</b>	ES-D, 1, G6PD, B, PEP-D, 1, PGD, A, PGM1, 1, PGM3, 1-2
<b>Tumorigenic</b>	
<b>Ploidy status</b>	
<b>Karyotype</b>	2n=46

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<b>Culture Medium</b>	DMEM: DMEM:Ham's F12 (1:1) 3.1 / 2.5 15 (15 )
<b>Supplements</b>	10 FBS
<b>Dissociation Reagent</b>	( )
<b>Subculturing</b>	PBS
<b>Freeze medium</b>	( FBS) + 10% DMSO

