

HEXHEL | 305022

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Description

HEXHEL is a human monoclonal antibody that recognizes the CD30 antigen, which is expressed on activated T cells and certain tumor cells. It is a chimeric antibody consisting of a human IgG1 constant region and a murine variable region that recognizes the CD30 antigen. The antibody is used for the detection and quantification of CD30-positive cells in tissue samples.

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Organism	Human
Tissue	Human T cells
Disease	CD30-positive diseases
Synonyms	HEX, GM06141, GM06141B, CD30 monoclonal antibody

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Age	30 years
Gender	Male
Ethnicity	European
Morphology	Normal
Growth properties	Normal

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Citation	HEX (HEXHEL 305022) Cytion 305022
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0001

HEK293T | 305022

HEK293T, HEK293T-1, HEK293T-21A

HEK293T

Culture Medium	RPMI 1640, w: 2.0 mM CaCl_2 , w: 2.0 g/L NaHCO_3 (Cytion 820700a)
Supplements	10% FBS
Dissociation Reagent	Trypsin
Doubling time	36 h
Subculturing	Seed cells into new flasks at 15% confluency. Wash cells with PBS. Add fresh medium (containing 3-5% FBS) to new flasks.
Fluid renewal	2-3 times per week
Freeze medium	Trypsin, EDTA, FBS, DMSO (10% FBS) + 10% DMSO. Store at -80°C .
Thawing and Culturing Cells	- Thaw cells quickly in a water bath at 37°C. Transfer cells to a centrifuge tube and centrifuge at $300 \times g$ for 3 min. Remove supernatant and resuspend cells in fresh medium. - Seed cells into new flasks at 15% confluency. Wash cells with PBS. Add fresh medium (containing 3-5% FBS) to new flasks. - Monitor cell growth and passage cells when they reach 70-80% confluency. - Thaw cells quickly in a water bath at 37°C. Transfer cells to a centrifuge tube and centrifuge at $300 \times g$ for 3 min. Remove supernatant and resuspend cells in fresh medium. - Seed cells into new flasks at 15% confluency. Wash cells with PBS. Add fresh medium (containing 3-5% FBS) to new flasks. - Monitor cell growth and passage cells when they reach 70-80% confluency. - Thaw cells quickly in a water bath at 37°C. Transfer cells to a centrifuge tube and centrifuge at $300 \times g$ for 3 min. Remove supernatant and resuspend cells in fresh medium. - Seed cells into new flasks at 15% confluency. Wash cells with PBS. Add fresh medium (containing 3-5% FBS) to new flasks.
Incubation Atmosphere	37°C , 5% CO_2 , humidified

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Flask Coating 100 µm

Freezing
Procedure

1. The cells are harvested by centrifugation at 400 x g for 5 min. The supernatant is removed and the cell pellet is resuspended in 1 ml of freezing medium. The cells are then counted and adjusted to a concentration of 1 x 10⁶ cells/ml. The cells are then mixed with an equal volume of freezing medium and frozen at -80°C.

Shipping
Conditions

The cells are shipped in dry ice at -78°C.

Storage
Conditions

The cells are stored at -150°C for up to 196 weeks.

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Sterility

The cells are tested for sterility by PCR. The results are as follows:

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