

HEK293-CD20 | 305987

HEK293-CD20

Description

HEK293-CD20 is a HEK293 cell line stably expressing the CD20 protein (MS4A1). The cells are grown in DMEM supplemented with 10% FBS. The CD20 protein is expressed on the cell surface and is detectable by flow cytometry.

HEK293-CD20 cells are derived from HEK293 cells (HEK293) stably expressing the CD20 protein (MS4A1). The cells are grown in DMEM supplemented with 10% FBS. The CD20 protein is expressed on the cell surface and is detectable by flow cytometry.

Organism Human

Tissue HEK293

HEK293-CD20

Age 1-6

Gender Male

Morphology Adherent

Growth properties Adherent, 37°C

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Citation HEK293-CD20 (HEK293-CD20) | Cytion: 305987

Biosafety level 1

NCBI_TaxID 9606

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Receptors expressed CD20

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Culture Medium RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO₃ (Cytion 820700a)

Supplements 10% FBS, 1 mM β -mercaptoethanol, 10 mM HEPES, 1% NEAA. Geneticin (G418-Sulfat) 1 µg/ml

Dissociation Reagent EDTA

Subculturing 1:2-3 passages, 2-3 days

Fluid renewal 2-3 times

Post-Thaw Recovery 1:2 to 1:3 dilution, 24 hours

Freeze medium (FBS) + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells rapidly in a 37°C water bath.
2. Dilute cells into pre-warmed medium.
3. Seed cells into a T25 flask.
4. Allow cells to recover for 24 hours.
5. Add supplements to the medium.
6. Monitor cell growth and morphology.
7. Pass cells when they reach 70-80% confluency.
8. Maintain cells in a humidified CO₂ incubator.

Incubation Atmosphere 37°C, 5% CO₂

Product sheet

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Shipping Conditions

Store at -78°C

Storage Conditions

Store at -150 to 196 °C

HLA

Sterility

PCR
Sterility