

# Resource Summary Report

Generated by [RRID](#) on Sep 7, 2026

## CEM.NKR-CCR5

RRID:CVCL\_X623

Type: Cell Line

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### Proper Citation

RRID:CVCL\_X623

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### Cell Line Information

**URL:** [https://web.expasy.org/cellosaurus/CVCL\\_X623](https://web.expasy.org/cellosaurus/CVCL_X623)

**Proper Citation:** RRID:CVCL\_X623

**Description:** Cell line CEM.NKR-CCR5 is a Cancer cell line with a species of origin Homo sapiens (Human)

**Sex:** Female

**Disease:** Childhood T acute lymphoblastic leukemia

**Defining Citation:** [PMID:10516002](#)

**Comments:** Characteristics: Resistant to NK cell-mediated cell lysis (from parent cell line CEM.NKR)., Population: Caucasian.

**Category:** Cancer cell line

**Organism:** Homo sapiens (Human)

**Name:** CEM.NKR-CCR5

**Synonyms:** CEM.NKR CCR5+

**Cross References:** CLO:CLO\_0037252, BEI\_Resources:ARP-4376, cancercelllines:CVCL\_X623, Wikidata:Q54809263

**ID:** CVCL\_X623

**Hierarchy:** cvcl\_x622

**Record Creation Time:** 20220427T215448+0000

**Record Last Update:** 20260905T174535+0000

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## Ratings and Alerts

No rating or validation information has been found for CEM.NKR-CCR5.

No alerts have been found for CEM.NKR-CCR5.

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## Data and Source Information

**Source:** [CelloSaurus](#)

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## Usage and Citation Metrics

We found 13 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#) .

Chen Y, et al. (2023) Molecular basis for antiviral activity of two pediatric neutralizing antibodies targeting SARS-CoV-2 Spike RBD. *iScience*, 26(1), 105783.

Ullah I, et al. (2023) The Fc-effector function of COVID-19 convalescent plasma contributes to SARS-CoV-2 treatment efficacy in mice. *Cell reports. Medicine*, 4(1), 100893.

Tauzin A, et al. (2022) A boost with SARS-CoV-2 BNT162b2 mRNA vaccine elicits strong humoral responses independently of the interval between the first two doses. *Cell reports*, 41(4), 111554.

Beaudoin-Bussi res G, et al. (2022) A Fc-enhanced NTD-binding non-neutralizing antibody delays virus spread and synergizes with a nAb to protect mice from lethal SARS-CoV-2 infection. *Cell reports*, 38(7), 110368.

Tauzin A, et al. (2022) Humoral immune responses against SARS-CoV-2 Spike variants after mRNA vaccination in solid organ transplant recipients. *iScience*, 25(9), 104990.

Pegu A, et al. (2022) Potent anti-viral activity of a trispecific HIV neutralizing antibody in SHIV-infected monkeys. *Cell reports*, 38(1), 110199.

Tauzin A, et al. (2022) Strong humoral immune responses against SARS-CoV-2 Spike after BNT162b2 mRNA vaccination with a 16-week interval between doses. *Cell host & microbe*, 30(1), 97.

Rossignol ED, et al. (2021) Mining HIV controllers for broad and functional antibodies to recognize and eliminate HIV-infected cells. *Cell reports*, 35(8), 109167.

Ullah I, et al. (2021) Live imaging of SARS-CoV-2 infection in mice reveals that neutralizing antibodies require Fc function for optimal efficacy. *Immunity*, 54(9), 2143.

Anand SP, et al. (2021) Longitudinal analysis of humoral immunity against SARS-CoV-2 Spike in convalescent individuals up to 8 months post-symptom onset. *Cell reports. Medicine*, 2(6), 100290.

Han Q, et al. (2020) Neonatal Rhesus Macaques Have Distinct Immune Cell Transcriptional Profiles following HIV Envelope Immunization. *Cell reports*, 30(5), 1553.

Pham TNQ, et al. (2019) Flt3L-Mediated Expansion of Plasmacytoid Dendritic Cells Suppresses HIV Infection in Humanized Mice. *Cell reports*, 29(9), 2770.

Lu LL, et al. (2016) A Functional Role for Antibodies in Tuberculosis. *Cell*, 167(2), 433.