

# CHO-EPCAM | 305974

## Product information

**Description**

CHO-EPCAM is a CHO cell line expressing the EPCAM protein. The cells are grown in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 10% horse serum (HS). The cells are maintained in a humidified atmosphere of 5% CO<sub>2</sub> at 37°C. The cells are typically used for the production of monoclonal antibodies.

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**Organism** CHO

**Tissue** Epithelial

## Characteristics

**Age** 1-3 months

**Gender** Male

**Cell type** Epithelial

**Growth properties** Adherent

## References

**Citation** CHO-EPCAM (Cytion: 305974)

**Biosafety level** 1

**NCBI\_TaxID** 10029

**CellosaurusAccession** CVCL\_D2TL

## Additional information

**Receptors expressed** EpCAM (CD326)

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## General Information

**Culture Medium** DMEM: DMEM:Ham's F12 (1:1) 3.1 µg/ml Insulin, 2.5 µg/ml Transferrin, 15 µg/ml Selenium (1:1:1) (100x) (100x) CHO A (InSCREENeX InSCREENeX INS-ME-1039)

**Supplements** 5% FBS, G418-Sulfat (G418-Sulfat) 0.5 µg/ml

**Dissociation Reagent** Trypsin-EDTA

**Subculturing** 1:2 to 1:3

**Fluid renewal** 2-3 times per week

**Post-Thaw Recovery** 1:2 to 1:3 in T25 flasks

**Freeze medium** (5% FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
  2. Centrifuge cells at 300 x g for 3 minutes.
  3. Wash cells with PBS.
  4. Resuspend cells in 70% DMEM.
  5. Seed cells into a 25 cm<sup>2</sup> flask.
  6. Incubate cells for 15-18 hours.
  7. Add supplements to the medium.
  8. Monitor cell growth and confluency.

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**Incubation Atmosphere** 37 °C, 5% CO<sub>2</sub>, humidified

**Shipping Conditions** Store at -78 °C

**Storage Conditions** Store at -150 °C to -196 °C

**HLA**

**Sterility** Sterile, PCR-ready