

HK/FDC | 300204

General Information

Description: ... FDC ... (FDC) (HK) ... FDC ... B, ... T. ... T, ...-CD3, ... HK ... B ... (GC), ... B ...

Organism: ...

Tissue: ...

Applications: ... B .../ ... B ...

Synonyms: FDC/HK

Characteristics

Age: ...

Gender: ...

Ethnicity: ...

Morphology: ...

Cell type: ...

Growth properties: ...

References

Citation: HK/FDC ( | Cytion 300204)

Biosafety level: 1

NCBI\_TaxID: 9606

CellosaurusAccession: CVCL\_IY38



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Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Do not shake the vial. Remove the vial from the water bath and centrifuge at 300 x g for 3 minutes. Discard the supernatant and resuspend the cells in 10 ml of complete medium. Seed the cells into a T25 flask.
2. Incubate the cells in a humidified incubator at 37°C with 5% CO<sub>2</sub>. Monitor the cells daily under a microscope. When the cells reach 70-80% confluency, passage them into a new T25 flask.
3. For long-term storage, harvest the cells by trypsinization and resuspend them in 1 ml of complete medium. Add 10% fetal bovine serum (FBS) and centrifuge at 300 x g for 3 minutes. Resuspend the pellet in 1 ml of complete medium with 10% FBS and store at -150°C.
4. Thaw the vial rapidly in a water bath at 37°C. Do not shake the vial. Remove the vial from the water bath and centrifuge at 300 x g for 3 minutes. Discard the supernatant and resuspend the cells in 10 ml of complete medium. Seed the cells into a T25 flask.
5. Incubate the cells in a humidified incubator at 37°C with 5% CO<sub>2</sub>. Monitor the cells daily under a microscope. When the cells reach 70-80% confluency, passage them into a new T25 flask.
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7. Thaw the vial rapidly in a water bath at 37°C. Do not shake the vial. Remove the vial from the water bath and centrifuge at 300 x g for 3 minutes. Discard the supernatant and resuspend the cells in 10 ml of complete medium. Seed the cells into a T25 flask.
8. Incubate the cells in a humidified incubator at 37°C with 5% CO<sub>2</sub>. Monitor the cells daily under a microscope. When the cells reach 70-80% confluency, passage them into a new T25 flask.

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

**Flask Coating** None

**Freezing Procedure** Harvest cells by trypsinization and resuspend in 1 ml of complete medium with 10% FBS. Centrifuge at 300 x g for 3 minutes. Resuspend the pellet in 1 ml of complete medium with 10% FBS and store at -78°C.

**Shipping Conditions** Store at -78°C. Ship on dry ice.

**Storage Conditions** Store at -150°C for up to 196 weeks.

HLA

**Sterility** The cells are free of mycoplasmas and PCR detectable. The cells are free of endotoxins.

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██████ HLA

**A\***: '02:01:01, '25:01:01

**B\***: 14:02:01, 18:01:01

**C\***: 08:02:01, 12:03:01

**DRB1\***: '01:02:01, '15:01:01G

**DQA1\***: 01:01:02, 01:02:01

**DQB1\***: '05:01:01, '06:02:01

**DPB1\***: '02:01:02, '23:01:01

**E**: 01:01:01