Mouse Anti-Human Choriocarcinoma Tumor Cell Antigen Hybridoma [L77]

**Anti-Choriocarcinoma Tumor Cell Antigen Hybridoma**
Lot. No. (See product label)

### CELL LINE INFORMATION

<table>
<thead>
<tr>
<th>Cat.No.</th>
<th>CSC-H0902</th>
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</thead>
<tbody>
<tr>
<td>Common Name</td>
<td>Choriocarcinoma Tumor Cell Antigen</td>
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<tr>
<td>Clone</td>
<td>L77</td>
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</tbody>
</table>

**Cell Line Description**
Animals were immunized with the OCC-MM human ovarian choriocarcinoma cell line. Spleen cells were fused with NS-1 myeloma cells. The K66 antigen is expressed on human choriocarcinoma cell lines and on many epithelial human cancer cell lines. The antigen recognized by the K66 antibody is destroyed by heating at 100°C for 5 minutes and by treatment with trypsin. Human neuroblastoma lines, lymphoblastoid lines and adult human fibroblasts were K66 negative. Two fetal human fibroblast cultures were found to be positive for K66 antigen. A feeder layer must be used to recover the cells from a frozen ampule.

**Introduction**
Choriocarcinoma is a malignant, trophoblastic cancer, usually of the placenta. It is characterized by early hematogenous spread to the lungs. It belongs to the malignant end of the spectrum in gestational trophoblastic disease (GTD). It is also classified as a germ cell tumor and may arise in the testis or ovary.

**Immunogen**
OCC-MM human ovarian choriocarcinoma cell line

**Immunological Donor**
Mouse Spleen

**Myeloma**
NS-1

**Fusion Species**
Mouse X Mouse Hybridoma

**Growth Properties**
Suspension

**Morphology**
Lymphoblast

**Propagation**
The base medium for this cell line is supplied as a powder and should be reconstituted in 1 L cell-culture-grade water. To make the complete growth medium, add the following components to the base medium: fetal bovine serum to a final concentration of 10% 1.5 g/L sodium bicarbonate for use with 5% CO2 in air atmosphere.

**Subculturing**
Medium Renewal: Every 2 to 3 days
Cultures can be maintained by addition or replacement of fresh medium. Start cultures at 5 X 10^4 cells/ml and maintain between 1 X 10^5 and 2 X 10^6 cells/ml.

**Mycoplasma**
Mycoplasma Status: Negative (MycoAlert Kit)

**Cellular Products**
Immunoglobulin: monoclonal antibody against human choriocarcinoma tumor cell antigen

### ANTIBODY INFORMATION

**Isotype**
IgG2a

### SAFETY AND PACKAGING

**Storage**
Liquid nitrogen

**Preservation**
Culture medium, 90%; DMSO, 10%
**Safety Considerations**

The following safety precautions should be observed.

1. Use pipette aids to prevent ingestion and keep aerosols down to a minimum.
2. No eating, drinking or smoking while handling the hybridoma.
3. Wash hands after handling the hybridoma and before leaving the lab.
4. Decontaminate work surface with disinfectant or 70% ethanol before and after working with hybridoma.
5. All waste should be considered hazardous.
6. Dispose of all liquid waste after each experiment and treat with bleach.

**Ship**

Dry ice