UM-RC-3 (Human renal carcinoma) cell line

Catalogue number: 160447
Sub-type:
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: UM-RC-3 (Human renal carcinoma) cell line

Alternate name:

Class:
Conjugate:
Description: UM-RC-3 are a renal carcinoma cell line, established in long term culture, from surgically obtained renal carcinoma specimens of patients who underwent nephrectomy. This patient had metastatic disease at the time of nephrectomy. Initial work suggests these cells grow well in primary culture but life expectancy is limited to less than 10 passages. These cells were evaluated for their ability to form tumors in nude mice and were confirmed to produced clear cell tumors. UM-RC-3 cells demonstrated no autologous reactivity in Protein A assays in low passage number cells but did in higher passage numbers. These cells are adherent and display a loss of contact inhibition. Doubling time is approximately 29 hours.
Purpose:
Parental cell:
Organism: Human
Tissue: Bladder
Model: Cancer Model
Gender:
Isotype:
Reactivity:
Selectivity:
Host:
Immunogen:
Immunogen UNIPROT ID:
Sequence:
Growth properties:

Adherent
Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: UM-RC-3

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:
Application notes:

Handling

Format: Frozen
Concentration:
Passage number:
Growth medium: Cells were grown in Eagle's Minimum Essential Medium (EMEM) containing 1% nonessential amino acids, 2mM glutamine, 100U/ml penicillin, 100ug/ml streptomycin and 10% Fetal Bovine Serum (FBS).
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Dry ice

Related tools

Related tools: UM-UC-1 (Human bladder transitional cell carcinoma) cell line ; UM-UC-3 (Human bladder transitional cell carcinoma) cell line ; UM-UC-4 (Human adenocarcinoma lymph node

metastasis) cell line ; UM-UC-5 (Human squamous cell carcinoma of the bladder) cell line ; UM-UC-7 (Human transitional cell carcinoma of the bladder) cell line ; UM-UC-9 (Human transitional cell carcinoma of the bladder) cell line ; UM-UC-10 (Human transitional cell carcinoma of the bladder) cell line ; UM-UC-11 (Human transit...

References

References: Grossman et al. 1985. J Surg Oncol. 28(3):237-44. PMID: 4038766.