

SVCT-MI2 Cell Line

Catalogue number: 152596

Sub-type:

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: SVCT-MI2 Cell Line

Alternate name:

Class:

Conjugate:

Description: SVCT-MI2 has been established from human breast epithelial cells being transfected with simian virus 40 (SV40) - a known oncogenic DNA virus in addition to a plasmid containing the neomycin gene and the human oncogene EJ Harvey-ras. This transformed epithelial cell line shows tumourigenicity in nude mice (post-selection of G418-resistant colonies). SVCT-MI2 enables molecular analysis of SV40 in human breast cancers.

Purpose:

Parental cell:

Organism: Human

Tissue: Breast

Model:

Gender: Female

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: Human oncogene EJ Harvey-ras

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application: Molecular analysis of SV40 in breast cancer

Application notes:

Handling

Format: Frozen

Concentration:

Passage number:

Growth medium: RPMI 1640 or DMEM + 2mM Glutamine + 10ug / ml insulin + 5ug / ml hydrocortisone + 10% FBS. Subculture routine: Split sub-confluent cultures (70-80%) 1:4 to 1:10 using 0.25% trypsin or trypsin/EDTA. Note: cells may pile up when confluent.

Temperature: 37° C

Atmosphere: 5% CO2

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Dry ice

Related tools

Related tools: SVCT Cell Line

References

References:

CancerTools.org