

Product sheet

BEAS-2B | 300311

General Information

Description BEAS-2B is a cell line derived from a primary culture of human bronchial epithelial cells. It is a non-tumorigenic, immortalized cell line that is widely used in research on lung cancer. The cells are characterized by their ability to form colonies in soft agar and their sensitivity to various growth factors. BEAS-2B cells are typically grown in DMEM/F12 medium supplemented with insulin, transferrin, and selenium (ITS) and are maintained at 37°C in 5% CO₂.

Organism Human

Tissue Lung

Synonyms Beas-2B, BEAS 2B, BEAS 2B, BEAS2B, Beas2B, BEAS-2B, BEAS-2B, BEAS-2B, BEAS-2B, Ad12-SV40 2B

Characteristics

Age 30-40 years

Gender Male

Morphology Epithelial

Growth properties Adherent

Identification

Citation BEAS-2B (ATCC CCL-221) | 300311

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0168

GMO Status GMO-S1: BEAS-2B (ATCC CCL-221) | 300311 (BEAS-2B) | Ad12-SV40

Associated Reagents

Viruses Ad12-SV40

BEAS-2B | 300311

Products SV-40 T

BEAS-2B

Culture Medium (PromoCell GmbH)

Supplements (PromoCell GmbH)

Dissociation Reagent

Subculturing PBS

Freeze medium (FBS) + 10% DMSO

Thawing and Culturing Cells

1.
2. -150
3. 37
4. 70%
5. 15 8
6. 300 × 3
7. 10
8.

Incubation Atmosphere 37

Flask Coating

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Freezing Procedure [Redacted text] -78

Shipping Conditions [Redacted text] -78

Storage Conditions [Redacted text] -150 -196

[Redacted text] / [Redacted text] / HLA

Sterility [Redacted text] (PCR) [Redacted text]
[Redacted text]