

HCC1806 | 300467

Description HCC1806 is a cell line derived from a 60-year-old male patient with adenocarcinoma of the colon. The cell line is characterized by its ability to grow in vitro and its sensitivity to various chemotherapeutic agents. It is a well-established model for studying colorectal cancer biology and drug response.

Organism Human

Tissue Colon

Disease Adenocarcinoma of the colon

Applications Cell culture, drug screening, cancer research

Synonyms HCC1806, HCC-1806, Colon Cancer Cell Line 1806

Age 60 years

Gender Male

Ethnicity Caucasian

Morphology Epithelial

Cell type Adenocarcinoma

Growth properties Adherent

Citation HCC1806 (ATCC CCL-229) | 300467

Biosafety level 1

NCBI_TaxID 9606

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CellosaurusAccession CVCL_1258

Receptors expressed α 2 β 1, α 2 β 2, α 2 β 3, α 2 β 4, α 2 β 5, α 2 β 6, α 2 β 7, α 2 β 8, α 2 β 9, α 2 β 10, α 2 β 11, α 2 β 12, α 2 β 13, α 2 β 14, α 2 β 15, α 2 β 16, α 2 β 17, α 2 β 18, α 2 β 19, α 2 β 20, α 2 β 21, α 2 β 22, α 2 β 23, α 2 β 24, α 2 β 25, α 2 β 26, α 2 β 27, α 2 β 28, α 2 β 29, α 2 β 30, α 2 β 31, α 2 β 32, α 2 β 33, α 2 β 34, α 2 β 35, α 2 β 36, α 2 β 37, α 2 β 38, α 2 β 39, α 2 β 40, α 2 β 41, α 2 β 42, α 2 β 43, α 2 β 44, α 2 β 45, α 2 β 46, α 2 β 47, α 2 β 48, α 2 β 49, α 2 β 50, α 2 β 51, α 2 β 52, α 2 β 53, α 2 β 54, α 2 β 55, α 2 β 56, α 2 β 57, α 2 β 58, α 2 β 59, α 2 β 60, α 2 β 61, α 2 β 62, α 2 β 63, α 2 β 64, α 2 β 65, α 2 β 66, α 2 β 67, α 2 β 68, α 2 β 69, α 2 β 70, α 2 β 71, α 2 β 72, α 2 β 73, α 2 β 74, α 2 β 75, α 2 β 76, α 2 β 77, α 2 β 78, α 2 β 79, α 2 β 80, α 2 β 81, α 2 β 82, α 2 β 83, α 2 β 84, α 2 β 85, α 2 β 86, α 2 β 87, α 2 β 88, α 2 β 89, α 2 β 90, α 2 β 91, α 2 β 92, α 2 β 93, α 2 β 94, α 2 β 95, α 2 β 96, α 2 β 97, α 2 β 98, α 2 β 99, α 2 β 100

Protein expression α 2 β 1, α 2 β 2, α 2 β 3, α 2 β 4, α 2 β 5, α 2 β 6, α 2 β 7, α 2 β 8, α 2 β 9, α 2 β 10, α 2 β 11, α 2 β 12, α 2 β 13, α 2 β 14, α 2 β 15, α 2 β 16, α 2 β 17, α 2 β 18, α 2 β 19, α 2 β 20, α 2 β 21, α 2 β 22, α 2 β 23, α 2 β 24, α 2 β 25, α 2 β 26, α 2 β 27, α 2 β 28, α 2 β 29, α 2 β 30, α 2 β 31, α 2 β 32, α 2 β 33, α 2 β 34, α 2 β 35, α 2 β 36, α 2 β 37, α 2 β 38, α 2 β 39, α 2 β 40, α 2 β 41, α 2 β 42, α 2 β 43, α 2 β 44, α 2 β 45, α 2 β 46, α 2 β 47, α 2 β 48, α 2 β 49, α 2 β 50, α 2 β 51, α 2 β 52, α 2 β 53, α 2 β 54, α 2 β 55, α 2 β 56, α 2 β 57, α 2 β 58, α 2 β 59, α 2 β 60, α 2 β 61, α 2 β 62, α 2 β 63, α 2 β 64, α 2 β 65, α 2 β 66, α 2 β 67, α 2 β 68, α 2 β 69, α 2 β 70, α 2 β 71, α 2 β 72, α 2 β 73, α 2 β 74, α 2 β 75, α 2 β 76, α 2 β 77, α 2 β 78, α 2 β 79, α 2 β 80, α 2 β 81, α 2 β 82, α 2 β 83, α 2 β 84, α 2 β 85, α 2 β 86, α 2 β 87, α 2 β 88, α 2 β 89, α 2 β 90, α 2 β 91, α 2 β 92, α 2 β 93, α 2 β 94, α 2 β 95, α 2 β 96, α 2 β 97, α 2 β 98, α 2 β 99, α 2 β 100

Oncogenes α 2 β 1, α 2 β 2, α 2 β 3, α 2 β 4, α 2 β 5, α 2 β 6, α 2 β 7, α 2 β 8, α 2 β 9, α 2 β 10, α 2 β 11, α 2 β 12, α 2 β 13, α 2 β 14, α 2 β 15, α 2 β 16, α 2 β 17, α 2 β 18, α 2 β 19, α 2 β 20, α 2 β 21, α 2 β 22, α 2 β 23, α 2 β 24, α 2 β 25, α 2 β 26, α 2 β 27, α 2 β 28, α 2 β 29, α 2 β 30, α 2 β 31, α 2 β 32, α 2 β 33, α 2 β 34, α 2 β 35, α 2 β 36, α 2 β 37, α 2 β 38, α 2 β 39, α 2 β 40, α 2 β 41, α 2 β 42, α 2 β 43, α 2 β 44, α 2 β 45, α 2 β 46, α 2 β 47, α 2 β 48, α 2 β 49, α 2 β 50, α 2 β 51, α 2 β 52, α 2 β 53, α 2 β 54, α 2 β 55, α 2 β 56, α 2 β 57, α 2 β 58, α 2 β 59, α 2 β 60, α 2 β 61, α 2 β 62, α 2 β 63, α 2 β 64, α 2 β 65, α 2 β 66, α 2 β 67, α 2 β 68, α 2 β 69, α 2 β 70, α 2 β 71, α 2 β 72, α 2 β 73, α 2 β 74, α 2 β 75, α 2 β 76, α 2 β 77, α 2 β 78, α 2 β 79, α 2 β 80, α 2 β 81, α 2 β 82, α 2 β 83, α 2 β 84, α 2 β 85, α 2 β 86, α 2 β 87, α 2 β 88, α 2 β 89, α 2 β 90, α 2 β 91, α 2 β 92, α 2 β 93, α 2 β 94, α 2 β 95, α 2 β 96, α 2 β 97, α 2 β 98, α 2 β 99, α 2 β 100

Karyotype 46,XX,t(11;22)(p11;p11) = 59, 46,XX,t(11;22)(p11;p11),t(11;22)(p11;p11) = 75, 46,XX,t(11;22)(p11;p11),t(11;22)(p11;p11) = 65, 46,XX,t(11;22)(p11;p11),t(11;22)(p11;p11) = 79, 46,XX,t(11;22)(p11;p11),t(11;22)(p11;p11) = 22%

Culture Medium RPMI 1640, 2.0 mM L-glutamine, 10% FBS, 2.0 mM NaHCO3 (820700a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Cells are cultured in RPMI 1640 medium supplemented with 10% FBS. For subculturing, cells are trypsinized and resuspended in PBS.

Freeze medium RPMI 1640 medium supplemented with 10% FBS + 10% DMSO

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Thawing and Culturing Cells

1. [Redacted]
2. [Redacted]
3. [Redacted]
4. [Redacted]
5. [Redacted]
6. [Redacted]
7. [Redacted]
8. [Redacted]

Incubation Atmosphere 37 [Redacted]

Flask Coating [Redacted]

Freezing Procedure [Redacted]

Shipping Conditions [Redacted]

Storage Conditions [Redacted]

/ / HLA

Sterility [Redacted]