# Product sheet

## A431 | 300112

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|---|---|
| **Description** | A431 carcinoma epidermoid 85 EGF (EGFR) A431 EGFR A-431 A-431 |
| **Organism** | |
| **Tissue** | |
| **Disease** | |
| **Synonyms** | -431, 431/ |

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|---|---|
| **Age** | 85 |
| **Gender** | |
| **Morphology** | , , |
| **Growth properties** | |

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|---|---|
| **Citation** | A431 ( Cytion 300112) |
| **Biosafety level** | 1 |
| **NCBI_TaxID** | 9606 |
| **CellosaurusAccession** | CVCL_0037 |

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|---|---|
| **Receptors expressed** | EGF |
| **Protein expression** | P53 |
| **Isoenzymes** | G6PD, B, PGM1, 1, PGM3, 1, ES-D, 1, Me-2, 0, AK-1, 1, GLO-1, 2 |
| **Tumorigenic** | |
| **Products** | HBp17 |
| **Mutational profile** | BRAF V600Ewt |
| **Karyotype** | : der(6), der(7), der(17), der(21), dic(13,14), dic(14,18) |

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|---|---|
| **Culture Medium** | DMEM, w: 4.5 /, w: 4 -, w: 3.7 / NaHCO3, w: 1.0 |
| **Supplements** | FBS 10% |
| **Dissociation Reagent** | |
| **Subculturing** | PBS T25 |
| **Seeding density** | 1 x $10^4$ /cm$^2$ 4 |
| **Fluid renewal** | 2 3 |
| **Post-Thaw Recovery** | $10^4$ 24 |
| **Freeze medium** | (FBS) + 10% DMSO |

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|---|---|
| **Thawing and Culturing Cells** | 1.<br>2. cryovial -150<br>3. 37°C<br>4. 70%<br>5. 15<br>6. 300 x g 3<br>7. 10<br>8. |
| **Incubation Atmosphere** | 37°C, 5% $_{CO2}$, |
| **Flask Coating** | |
| **Freezing Procedure** | |
| **Shipping Conditions** | |
| **Storage Conditions** | −150 −196 °C |

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|---|---|
| **Sterility** | PCR |

## [redacted]A431 | 300112

**[redacted]HLA**

**A***: '03:01:01
**B***: '07:02:01
**C***: '07:02:01
**DRB1***: 11:04:01
**DQA1***: '05:05:01
**DQB1***: '03:01:01
**DPB1***: 15:01:01
**E**: '01:03:01, '01:03:02