

Product sheet

**A375 | 300110**

**General Information**

**Description** A375 is a human melanoma cell line established in 1971 from a 54-year-old patient with a primary cutaneous melanoma. It is a highly tumorigenic, anchorage-dependent cell line that grows as a monolayer in the presence of 5% fetal bovine serum (FBS) in DMEM supplemented with 10% FBS. A375 is a highly tumorigenic, anchorage-dependent cell line that grows as a monolayer in the presence of 5% fetal bovine serum (FBS) in DMEM supplemented with 10% FBS. A375 is a highly tumorigenic, anchorage-dependent cell line that grows as a monolayer in the presence of 5% fetal bovine serum (FBS) in DMEM supplemented with 10% FBS.

**Organism** Human

**Tissue** Skin

**Disease** Melanoma

**Synonyms** A 375, A-375, A375-MEL, A375-MEL, A375-mel, A375mel

**Characteristics**

**Age** 54 years

**Gender** Male

**Morphology** Epithelial

**Growth properties** Anchorage dependent

**References**

**Citation** A375 (ATCC CCL-132) | ATCC 300110

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_0132

**Ordering Information**

**Product sheet**

**XXXXXXXXA375 | 300110**

**Antigen expression** P53 XXXXXXXX

**Tumorigenic** XXXXX XX XXXXXXXX XXXXXXXX

**Mutational profile** BRAF V600Emut

**Karyotype** XXXXXXX XXXXXXX A375 XXXXXXX XXXXXXXXXXXXXXX XXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX 62 XXXXXXX XXXXX XXXXXXX

**XXXXXXXXXXXX**

**Culture Medium** DMEM XX 4.5 XX/XXXX XXXXXXXXXXXXXXX XX 4 XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XX 3.7 XX/XXXX NaHCO3 XX 1.0 XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX (XXXX XXXXXXXXXXXXXXX 82)

**Supplements** XX XXXXXXX XXXXXXX XX 10 XX XX FBS

**Dissociation Reagent** XXXXXXX

**Doubling time** 20 XXXXX

**Subculturing** XX XXXXXXX XXXXXXX XXXXXXX XX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX PBS XXXXXXX XXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX

**Seeding density**  $1 \times 10^4$  XXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX 4 XXXXXXX

**Fluid renewal** 2 XXX 3 XXXXX XX XXXXXXXXXXXXXXX

**Post-Thaw Recovery** XXXXXXX  $1 \times 10^5$  XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX 24 XXXXXXX XXXXXXXXXXXXXXX

**Freeze medium** XXXXXXX XXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX (XXXX XX XXX FBS) + 10% DMSO XX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX



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**A\***: '01:01:01, '02:01:01

**B\***: '44:03:01, '57:01:01

**C\***: '06:02:01, '16:01:01

**DRB1\***: '04:05:01, '07:01:01

**DQA1\***: '02:01:01, '03:03:01

**DQB1\***: '03:02:01, '03:03:02

**DPB1\***: '04:01:01

**E**: '01:01:01, '01:03