

ACHN (ATCC® CRL-1611™)

Organism: Homo sapiens, human / Tissue: kidney; derived from metastatic site: pleural effusion / Disease: renal cell adenocarcinoma

GENERAL INFORMATION	CHARACTERISTICS	CULTURE METHOD	SPECIFICATIONS	HISTORY	DOCUMENTATION	SHARE	EMAIL	PRINT
Derivation	<p>The ACHN cell line was initiated in November, 1979 from the malignant pleural effusion of a 22-year-old Caucasian male with widely metastatic renal adenocarcinoma (autopsy confirmed). Cells were seeded directly to culture flasks in Eagle's MEM with 10% FBS, then maintained and passaged 150 days in flasks. Cells were then inoculated subcutaneously into nude mice. After 4 weeks, palpable, locally invasive tumors were noted. Both the original cells (ACHN) and those recovered from nude mouse tumors were growth-inhibited by human interferons.</p>							
Clinical Data	<p>22 years Caucasian male</p>							
Tumorigenic	<p>Yes</p>							
Effects	<p>Yes, in nude mice (Tumors developed within 21 days at 100% frequency (5/5) in nude mice inoculated subcutaneously with 10(7) cells)</p>							
Comments	<p>Growth is inhibited by human interferon [Hogan, T. F., personal communication].</p>							