

Resource Summary Report

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IEC-18

RRID:CVCL_0342

Type: Cell Line

Proper Citation

(BCRC Cat# 60230, RRID:CVCL_0342)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0342

Proper Citation: (BCRC Cat# 60230, RRID:CVCL_0342)

Description: Cell line IEC-18 is a Finite cell line with a species of origin *Rattus norvegicus*

Sex: Sex unspecified

Defining Citation: [PMID:6273638](#), [PMID:22358603](#)

Comments: Breed/subspecies: Charles River Sprague Dawley (CD(SD))., Derived from sampling site: Small intestine; ileum. Cell type=Epithelial cell., Doubling time: 16.6 hours (PubMed=6273638)., Senescence: Capable of at least 20 PDL., Discontinued: IZSLER; BS CL 224; probable.

Category: Finite cell line

Organism: *Rattus norvegicus*

Name: IEC-18

Synonyms: IEC 18, IEC18, Intestinal Epithelioid Cell line No. 18

Cross References: BTO:BTO:0004604, CLO:CLO_0004341, MCCL:MCC:0000238, CLDB:cl1801, ATCC:CRL-1589, BCRC:60230, BCRJ:0116, ECACC:88011801, IZSLER:BS CL 224, KCLB:21589, NCBI_Iran:C528, Wikidata:Q54897314

ID: CVCL_0342

Vendor: BCRC

Catalog Number: 60230

Ratings and Alerts

No rating or validation information has been found for IEC-18.

Warning: Discontinued: IZSLER; BS CL 224

Breed/subspecies: Charles River Sprague Dawley (CD(SD))., Derived from sampling site:

Small intestine; ileum. Cell type=Epithelial cell., Doubling time: 16.6 hours

(PubMed=6273638)., Senescence: Capable of at least 20 PDL., Discontinued: IZSLER; BS CL 224; probable.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Itakura H, et al. (2023) Tumor-suppressive role of the musculoaponeurotic fibrosarcoma gene in colorectal cancer. *iScience*, 26(4), 106478.

Ahmad A, et al. (2022) Development and Evaluation of a TaqMan Real-Time PCR Assay for the Rapid Detection of Cross-Contamination of RD (Human) and L20B (Mouse) Cell Lines Used in Poliovirus Surveillance. *Journal of virological methods*, 300, 114354.

Purde V, et al. (2020) Intein-mediated cytoplasmic reconstitution of a split toxin enables selective cell ablation in mixed populations and tumor xenografts. *Proceedings of the National Academy of Sciences of the United States of America*, 117(36), 22090.

Martínez-León E, et al. (2019) Protein kinase D1 inhibition interferes with mitosis progression. *Journal of cellular physiology*, 234(11), 20510.