

Resource Summary Report

Generated by [dkNET](#) on Aug 22, 2026

IB3-1

RRID:CVCL_0338

Type: Cell Line

Proper Citation

RRID:CVCL_0338

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0338

Proper Citation: RRID:CVCL_0338

Description: Cell line IB3-1 is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Cystic fibrosis

Defining Citation: [PMID:1380129](#), [PMID:1849726](#), [PMID:7679117](#), [PMID:15463957](#), [PMID:16512671](#), [PMID:18441018](#)

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: IB3-1

Synonyms: IB3

Cross References: BTO:BTO_0004445, CLO:CLO_0004329, EFO:EFO_0001194, MCCL:MCC:0000234, ATCC:CRL-2777, ATCC:JHU-52, BCRJ:0114, ChEMBL-Cells:ChEMBL4295410, ChEMBL-Targets:ChEMBL4296439, PubChem_Cell_line:CVCL_0338, Wikidata:Q54897163

ID: CVCL_0338

Record Creation Time: 20220427T220626+0000

Record Last Update: 20260815T234306+0000

Ratings and Alerts

No rating or validation information has been found for IB3-1.

Warning: Discontinued: ATCC; JHU-52

Warning: Discontinued: ATCC; CRL-2777

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Dib C, et al. (2025) Mitochondrial Fragmentation Induced by the CFTR Modulators Lumacaftor and Ivacaftor in Immortalized Cystic Fibrosis Cell Lines. *Cells*, 14(20).

Scambler T, et al. (2019) ENaC-mediated sodium influx exacerbates NLRP3-dependent inflammation in cystic fibrosis. *eLife*, 8.

Clauzure M, et al. (2017) Intracellular Chloride Concentration Changes Modulate IL-1?? Expression and Secretion in Human Bronchial Epithelial Cultured Cells. *Journal of cellular biochemistry*, 118(8), 2131.