

Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

THP1-XBlue-defMyD

RRID:CVCL_X586

Type: Cell Line

Proper Citation

RRID:CVCL_X586

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_X586

Proper Citation: RRID:CVCL_X586

Description: Cell line THP1-XBlue-defMyD is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Childhood acute monocytic leukemia

Defining Citation: [PMID:25130606](#)

Comments: Characteristics: SEAP (secreted ALPP) reporter cell line, in this cell line SEAP is under the control of a NF-KappaB/AP-1 promoter (InvivoGen=thpx-dmyd)., Population: Japanese.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: THP1-XBlue-defMyD

Synonyms: MyD88-/- THP-1

Cross References: cancercellines:CVCL_X586, InvivoGen:thpx-dmyd, Wikidata:Q54972377

ID: CVCL_X586

Hierarchy: cvcl_x582

Record Creation Time: 20220427T221626+0000

Record Last Update: 20260830T000109+0000

Ratings and Alerts

No rating or validation information has been found for THP1-XBlue-defMyD.

No alerts have been found for THP1-XBlue-defMyD.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Pang M, et al. (2026) Attenuation of cGAS-STING signaling-mediated lung inflammation during infection through autophagy induction by bioactive nanodevices. Theranostics, 16(10), 5204.