

Resource Summary Report

Generated by [dkNET](#) on Aug 27, 2026

Dctn1^{tm1a}(EUCOMM)Wtsi

RRID:IMSR_EUMMCR:4111

Type: Organism

Proper Citation

RRID:IMSR_EUMMCR:4111

Organism Information

URL:

Proper Citation: RRID:IMSR_EUMMCR:4111

Description: Mus musculus with name Dctn1^{tm1a}(EUCOMM)Wtsi from IMSR.

Species: Mus musculus

Notes: gene symbol note: dynactin 1; mutant strain: Dctn1

Affected Gene: dynactin 1

Genomic Alteration: targeted mutation 1a; Wellcome Trust Sanger Institute

Catalog Number: EUMMCR:4111

Database: European Mouse Mutant Cell Repository

Database Abbreviation: EuMMCR

Availability: ES Cell

Organism Name: Dctn1^{tm1a}(EUCOMM)Wtsi

Record Creation Time: 20250513T061800+0000

Record Last Update: 20260815T055155+0000

Ratings and Alerts

No rating or validation information has been found for Dctn1^{tm1a}(EUCOMM)Wtsi.

No alerts have been found for Dctn1^{tm1a}(EUCOMM)Wtsi.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Cell Repository

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Pires S, et al. (2026) Innate lymphoid cells activated by the cytokine TL1A link colitis to emergency granulopoiesis and the recruitment of tumor-promoting neutrophils. *Immunity*, 59(2), 372.

Li R, et al. (2024) Suppression of adaptive NK cell expansion by macrophage-mediated phagocytosis inhibited by 2B4-CD48. *Cell reports*, 43(3), 113800.

Zheng M, et al. (2024) TNF compromises intestinal bile-acid tolerance dictating colitis progression and limited infliximab response. *Cell metabolism*, 36(9), 2086.

De Sanctis F, et al. (2024) Expression of the membrane tetraspanin claudin 18 on cancer cells promotes T lymphocyte infiltration and antitumor immunity in pancreatic cancer. *Immunity*, 57(6), 1378.

Genduso S, et al. (2023) Tumor cell integrin $\alpha 4$ and tumor stroma E-/P-selectin cooperatively regulate tumor growth in vivo. *Journal of hematology & oncology*, 16(1), 23.

Mah-Som AY, et al. (2021) Reliance on Cox10 and oxidative metabolism for antigen-specific NK cell expansion. *Cell reports*, 35(9), 109209.

Zhou M, et al. (2020) T cell exhaustion and a failure in antigen presentation drive resistance to the graft-versus-leukemia effect. *Nature communications*, 11(1), 4227.

Ni J, et al. (2020) Single-Cell RNA Sequencing of Tumor-Infiltrating NK Cells Reveals that Inhibition of Transcription Factor HIF-1 α Unleashes NK Cell Activity. *Immunity*, 52(6), 1075.

Seo GY, et al. (2018) LIGHT-HVEM Signaling in Innate Lymphoid Cell Subsets Protects Against Enteric Bacterial Infection. *Cell host & microbe*, 24(2), 249.

Habbeddine M, et al. (2017) Receptor Activator of NF- κ B Orchestrates Activation of Antiviral Memory CD8 T Cells in the Spleen Marginal Zone. *Cell reports*, 21(9), 2515.

Cook LC, et al. (2014) The role of estrogen signaling in a mouse model of inflammatory bowel disease: a *Helicobacter hepaticus* model. *PloS one*, 9(4), e94209.