

Resource Summary Report

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

IMG

RRID:CVCL_HC49

Type: Cell Line

Proper Citation

Kerafast Cat# EF4001, RRID:CVCL_HC49

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_HC49

Proper Citation: Kerafast Cat# EF4001, RRID:CVCL_HC49

Description: Cell line IMG is a Transformed cell line with a species of origin Mus musculus (Mouse)

Sex: Sex unspecified

Defining Citation: [PMID:26819091](#)

Category: Transformed cell line

Organism: Mus musculus (Mouse)

Name: IMG

Synonyms: Immortalized MicroGlial cell line

Cross References: Kerafast:EF4001, Millipore:SCC134, Wikidata:Q54897548

ID: CVCL_HC49

Vendor: Kerafast

Catalog Number: EF4001

Record Creation Time: 20220427T220633+0000

Record Last Update: 20260829T234317+0000

Ratings and Alerts

No rating or validation information has been found for IMG.

No alerts have been found for IMG.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Wu B, et al. (2026) Developmental lineage restriction is driven by loss of genome transcriptional potency. Cell reports, 45(4), 117216.

Baxter LL, et al. (2026) Anti-inflammatory and pro-proliferative effects of fasudil in human trisomy 21 neural progenitor cells. bioRxiv : the preprint server for biology.

Hsueh SC, et al. (2025) Targeting neuroinflammation: 3-monothiopomalidomide a new drug candidate to mitigate traumatic brain injury and neurodegeneration. Journal of biomedical science, 32(1), 57.

Lackovic J, et al. (2025) Pharmacological characterization and preclinical evaluation of 11h: a novel, brain-penetrant PDE4 inhibitor for neurological disorders. Frontiers in pharmacology, 16, 1720327.

Laabei J, et al. (2025) The NOX2-ROS-NLRP3 inflammasome axis in traumatic brain injury. Journal of neuroinflammation, 22(1), 242.

Robertson KV, et al. (2024) Knockdown of microglial iron import gene, DMT1, worsens cognitive function and alters microglial transcriptional landscape in a sex-specific manner in the APP/PS1 model of Alzheimer's disease. Research square.

Robertson KV, et al. (2024) Knockdown of microglial iron import gene, Slc11a2, worsens cognitive function and alters microglial transcriptional landscape in a sex-specific manner in the APP/PS1 model of Alzheimer's disease. Journal of neuroinflammation, 21(1), 238.

Glottfelty EJ, et al. (2023) The RhoA-ROCK1/ROCK2 Pathway Exacerbates Inflammatory Signaling in Immortalized and Primary Microglia. Cells, 12(10).

Nnah IC, et al. (2020) Iron potentiates microglial interleukin-1 β secretion induced by amyloid- β . Journal of neurochemistry, 154(2), 177.