

# Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

## C.129S4-Cd80<sup>tm1Shr</sup>/Mmmh

RRID:MMRRC\_011137-MU

Type: Organism

### Proper Citation

RRID:MMRRC\_011137-MU

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=11137](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=11137)

**Proper Citation:** RRID:MMRRC\_011137-MU

**Description:** Mus musculus with name C.129S4-Cd80<sup>tm1Shr</sup>/Mmmh from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: Immunology and Inflammation; Mutation Type: Targeted Mutation ; Collection:

**Phenotype:** decreased cell proliferation [MP:0000352]| abnormal spleen morphology [MP:0000689]| decreased IgG level [MP:0001805]| brain inflammation [MP:0001847]| abnormal lymph node B cell domain morphology [MP:0002344]| abnormal T cell physiology [MP:0002444]| abnormal immunoglobulin level [MP:0002490]| increased IgM level [MP:0002494]| abnormal cytokine secretion [MP:0003009]| insulinitis [MP:0004031]| increased susceptibility to experimental autoimmune encephalomyelitis [MP:0004799]| decreased susceptibility to experimental autoimmune encephalomyelitis [MP:0004800]| increased susceptibility to autoimmune diabetes [MP:0004803]| decreased susceptibility to autoimmune diabetes [MP:0004804]| decreased regulatory T cell number [MP:0004974]| decreased double-positive T cell number [MP:0005092]| decreased B cell proliferation [MP:0005093]| abnormal T cell proliferation [MP:0005094]| decreased T cell proliferation [MP:0005095]| increased T cell proliferation [MP:0005348]| abnormal CD4-positive [MP:0005463]| alpha-beta T cell physiology [MP:0005623]| abnormal meninges morphology [MP:0006387]| abnormal T cell number [MP:0008495]| decreased IgG1 level [MP:0008496]| decreased IgG2a level [MP:0008502]| increased IgG3 level [MP:0008560]| increased tumor necrosis factor secretion [MP:0008566]| increased interferon-gamma secretion [MP:0008688]| decreased interleukin-2 secretion [MP:0009023]

**Affected Gene:** Cd80

**Catalog Number:** 011137-MU

**Background:** Targeted Mutation

**Database:** Mutant Mouse Resource and Research Center (MMRRC)

**Database Abbreviation:** MMRRC

**Source References:** [PMID:9075931](#)

**Alternate IDs:** MMRRC\_11137-MU, MMRRC\_011137, MMRRC\_11137

**Organism Name:** C.129S4-*Cd80<sup>tm1Shr</sup>*/Mmmh

**Record Creation Time:** 20230308T054909+0000

**Record Last Update:** 20260905T110442+0000

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## Ratings and Alerts

No rating or validation information has been found for C.129S4-*Cd80<sup>tm1Shr</sup>*/Mmmh.

No alerts have been found for C.129S4-*Cd80<sup>tm1Shr</sup>*/Mmmh.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Mutant Mouse Resource and Research Center (MMRRC)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.