

[Open Peer Review on Qeios](#)

Cytomegalovirus IE-1-specific Cytotoxic T Lymphocytes

National Cancer Institute

Source

National Cancer Institute. *Cytomegalovirus IE-1-specific Cytotoxic T Lymphocytes*. NCI Thesaurus. Code C80052.

Cytotoxic T-lymphocytes (CTLs), specifically reactive to the cytomegalovirus (CMV) immediate early-1 (IE-1) protein, with immunomodulating activity. Adoptive immunotherapy with cytomegalovirus IE-1-specific cytotoxic T lymphocytes may help reconstitute CD8+ cytomegalovirus-specific CTL responses in CMV-infected immunocompromised hosts. IE-1 is one of the first CMV antigens expressed by CMV-infected cells, predominantly inducing a CD8+ CTL response.