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# Allogeneic CD25/Treg-depleted Donor Lymphocytes

National Cancer Institute

## Source

National Cancer Institute. *Allogeneic CD25/Treg-depleted Donor Lymphocytes*. NCI Thesaurus. Code C160729.

A preparation of allogeneic peripheral blood mononuclear cells (PBMCs) derived from an 8/8 HLA-matched donor that have been selectively depleted of CD4+CD25hiFoxp3+ regulatory T-cells (Tregs; CD25hi Tregs) with potential to enhance graft-versus-tumor (GVT) immune responses in patients with myeloid relapse following a hematopoietic stem cell transplant (HSCT) from a matched donor. Following collection and ex-vivo depletion of CD25hi Tregs from PBMCs derived from the original donor, the CD25/Treg-depleted donor lymphocytes are infused into the patient. Upon administration, the CD25/Treg-depleted donor lymphocyte infusion (DLI) may enhance the proliferation of CD4+ and CD8+ effector T-cells (Teffs) and potentially induce curative GVT immune responses in patients with myeloid relapse following HSCT.