

[Open Peer Review on Qeios](#)

HLA-DQ Antigen

National Cancer Institute

Source

National Cancer Institute. *HLA-DQ Antigen*. NCI Thesaurus. Code C62792.

HLA-DQ antigen is a class of glycoproteins that consist of dimers of alpha and beta subunits, which are encoded by the polymorphic human genes HLA-DQA1 and HLA-DQB1, respectively. This protein complex is expressed primarily in lymphoid cells and function to present antigens for CD4+ T lymphocytes. Certain HLA-DQ protein variants are associated with susceptibility to insulin-dependent diabetes mellitus and several autoimmune diseases.