

Human CD antigens

Antigen	Alternate names	Mol. wt. (kDa)	Expression	Function	Ligand/receptor
CD1a	HLA-DR, HA, H2A	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1b	HLA-DR, HA, H2B	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1c	HLA-DR, HA, H2C	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1d	HLA-DR, HA, H2D	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1e	HLA-DR, HA, H2E	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1f	HLA-DR, HA, H2F	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1g	HLA-DR, HA, H2G	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1h	HLA-DR, HA, H2H	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1i	HLA-DR, HA, H2I	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1j	HLA-DR, HA, H2J	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1k	HLA-DR, HA, H2K	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1l	HLA-DR, HA, H2L	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1m	HLA-DR, HA, H2M	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1n	HLA-DR, HA, H2N	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1o	HLA-DR, HA, H2O	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1p	HLA-DR, HA, H2P	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1q	HLA-DR, HA, H2Q	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1r	HLA-DR, HA, H2R	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1s	HLA-DR, HA, H2S	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1t	HLA-DR, HA, H2T	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1u	HLA-DR, HA, H2U	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1v	HLA-DR, HA, H2V	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1w	HLA-DR, HA, H2W	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1x	HLA-DR, HA, H2X	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1y	HLA-DR, HA, H2Y	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD1z	HLA-DR, HA, H2Z	45 kDa	CD4 ⁺ T lymphocytes, Langerhans cells, DCs	Antigen presentation w/ 2-microglobulin	CD4-restricted TCR
CD2	CD2	35 kDa	CD4 ⁺ T lymphocytes, CD8 ⁺ T lymphocytes, NK cells, B cells, dendritic cells, mast cells, platelets	Cell-cell adhesion, signal transduction	CD28, B220, CD135, CD137, CD138, CD139, CD140, CD141, CD142, CD143, CD144, CD145, CD146, CD147, CD148, CD149, CD150, CD151, CD152, CD153, CD154, CD155, CD156, CD157, CD158, CD159, CD160, CD161, CD162, CD163, CD164, CD165, CD166, CD167, CD168, CD169, CD170, CD171, CD172, CD173, CD174, CD175, CD176, CD177, CD178, CD179, CD180, CD181, CD182, CD183, CD184, CD185, CD186, CD187, CD188, CD189, CD190, CD191, CD192, CD193, CD194, CD195, CD196, CD197, CD198, CD199, CD200, CD201, CD202, CD203, CD204, CD205, CD206, CD207, CD208, CD209, CD210, CD211, CD212, CD213, CD214, CD215, CD216, CD217, CD218, CD219, CD220, CD221, CD222, CD223, CD224, CD225, CD226, CD227, CD228, CD229, CD230, CD231, CD232, CD233, CD234, CD235, CD236, CD237, CD238, CD239, CD240, CD241, CD242, CD243, CD244, CD245, CD246, CD247, CD248, CD249, CD250, CD251, CD252, CD253, CD254, 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