

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

30-2304: Anti-CD314 Monoclonal Antibody (Clone:1D11)-PE Conjugated

Clonality: Monoclonal

Clone Name: 1D11

Application : FACS, IP, IHC-Fr, Functional Assay

Reactivity: Human
Conjugate: PE
Gene: KLRK1
Gene ID: 22914
Uniprot ID: P26718

Alternative Name: KLRK1, D12S2489E, NKG2D

Isotype: Mouse IgG1 **Immunogen Information:** NKL cell line

Description

CD314, also known as NKG2D (natural killer receptor G2D) or KLRK1 (killer cell lectin-like receptor subfamily K, member 1), is a homodimeric C-type lectin-like activating receptor and costimulator with type II membrane orientation (C teminus extracellular). CD314 homodimers are associated with DAP10, a membrane adaptor protein that signals similar to CD28 by recruitment of phosphatidylinositol 3-kinase. Engagement of CD314 amplifies antigen-specific T cell responses in CD314-positive T cell populations. In NK cells, CD314 is a primary activating receptor. As CD314 ligands the MHC class-I chain-related proteins A and B (MICA, MICB) and UL16-binding proteins (ULBPs) have been identified.

Product Info

Amount: 100 tests

Storage condition : Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.