Anti-Human CD314 (NKG2D) (1D11)













Biotin 31

314B-01MG

100 µg

1 μg/test



1. PRODUCT DESCRIPTION

Clone: IDII;

Isotype: IgG1;

Tested application: flow cytometry;

Immunogen: The anti-CD314 monoclonal antibody derives from NKL cells;

Species reactivity: Human; Cross reactivity rhesus monkey (Macaca mulatta), cynomolgus

monkey (Macaca fascicularis);

Storage instruction: store in the dark at 2-8 °C;

Storage buffer: aqueous buffered solution containing protein stabilizer and 0.09% sodium azide (NaN_);

Recommended usage: Immunostep's CD314, clone ID11, is a monoclonal antibody intended for the identification and enumeration of human NIK cells, CD8+ α/β T cells, and γ/δ T cells using flow cytometry. This reagent is effective for direct immunofluorescence staining of human tissue for flow cytometric analysis using 1 test for IO 6 cells;

Presentation: liquid:

Source: Supernatant proceeding from an in vitro cell culture of a cell hybridoma;

Purification: Affinity chromatography;

Other names: KL RKI; KLR; NKG2D; NKG2-D; NK cell receptor D;

Gene ID: 22914;

Molecular weight: 42 kDa.

2. ANTIGEN DETAILS

Large description: This activating receptor binds strongly to several ligands including MICA and MICB and ULBP-1, -2, and -3 proteins that are expressed by different target cell types. CD314 functions as a triggering receptor involved in natural cytotoxicity mediated by normal NIK cells against a variety of tumors or normal target cells. Importantly, CD314 can complement the role of NCR in tumor cell lysis. Remarkably, the combined maskings of NCR and CD314 can reportedly lead to a complete inhibition of NIK-mediated lysis of all tumor or normal cells. [1-5]

WARRANTY

Warranted only to conform to the quantity and contents stated on the label or in the product labelling at the time of delivery to the customer. Immunostep disclaims hereby other warranties.

Immunostep's sole liability is limited to either the replacement of the products or refund of the purchase price.

4. ADDITIONAL INFORMATION

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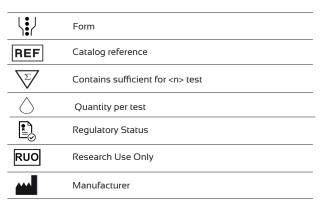
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6. EXPLANATION OF SYMBOLS



MANUFACTURED BY:

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