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# PE/Cyanine5 Anti-Mouse CD335/NKp46 Antibody[29A1.4]

Catalog Number: E-AB-F1182UG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### **Description**

Reactivity Mouse Host Rat

**Isotype** Rat IgG2a, κ **Clone No.** 29A1.4

Isotype Control PE/Cyanine5 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09833G]

Conjugation PE/Cyanine 5

Conjugation Information PE/Cyanine5 is designed to be excited by the Blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 670 nm

(e.g., a 690/50 nm bandpass filter).

**Storage Buffer** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

#### Applications Recommended usage

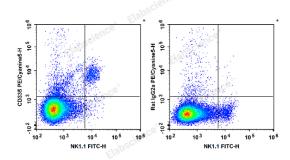
FCM Each lot of this antibody is quality control tested by flow cytometric analysis. Please

check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the

reagent to obtain optimal results [The recommended concentration is 0.1-1  $\mu g/10^6$  cells

in 100 µL volume].

#### Data



C57BL/6 murine splenocytes are stained with FITC Anti-Mouse NK1.1 Antibody and PE/Cyanine5 Anti-Mouse CD335 Antibody (Left). Splenocytes are stained with FITC Anti-Mouse NK1.1 Antibody and PE/Cyanine5 Rat IgG2a, κ Isotype Control (Right).

### **Preparation & Storage**

**Storage** Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

# **Antigen Information**

Alternate Names Ly94;Lymphocyte antigen 94;NK-p46;mAR-1;mNKp46

Uniprot ID Q8C567

## For Research Use Only

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#### **Elabscience Bionovation Inc.**

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Gene ID Background 17086

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CD335, also known as NKp46, is a single-pass type I membrane protein of 46 kD. It belongs to the natural cytotoxicity receptor (NCR) family and contains two Ig-like (immunoglobulin-like) domains. It's expression is restricted to NK cells and a subset of NKT cells; it's not expressed in CD1d-restricted NKT cells. CD335 is a receptor for viral hemagglutinins and heparan sulfate proteoglycans and is involved in NK cell activation.