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

Catalog Number: E-AB-F1182UE

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 APC Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09833E]

Conjugation APC

**Conjugation Information** APC is designed to be excited by the Red (627-640 nm) laser and detected using an

optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).

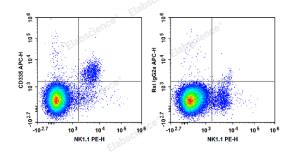
**Storage Buffer** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

#### 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<sup>6</sup> cells in 100  $\mu$ L volume].

#### Data



C57BL/6 murine splenocytes are stained with PE Anti-Mouse CD161/NK1.1 Antibody and APC Anti-Mouse CD335 Antibody (Left). Splenocytes are stained with PE Anti-Mouse CD161/NK1.1 Antibody and APC 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 lce bag

### **Antigen Information**

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

 Uniprot ID
 Q8C567

 Gene ID
 17086

## For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

### **Elabscience Bionovation Inc.**



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## **Background**

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.

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