

APC Anti-Mouse CD159a Antibody[16A11]

Catalog Number: AN00658E

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

Description

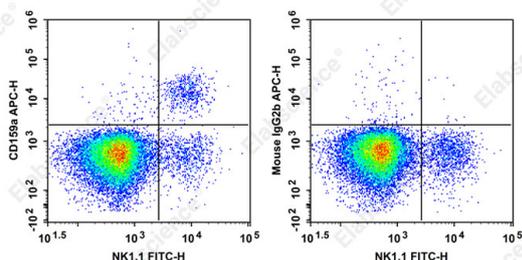
Reactivity	Mouse
Host	Mouse
Isotype	Mouse IgG2b, κ
Clone No.	16A11
Isotype Control	APC Mouse IgG2b, κ Isotype Control[MPC-11] [Product E-AB-F09812E]
Conjugation	APC
Conjugation Information	APC is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 660 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. The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
------------	---

Data



C57BL/6 murine splenocytes are stained with APC Anti-Mouse CD159a Antibody and FITC Anti-Mouse NK1.1 Antibody (Left). Splenocytes are stained with FITC Anti-Mouse NK1.1 Antibody and APC Mouse IgG2b, κ Isotype Control (Right).

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	T6;R4;CD 1a;CD1A;T-cell surface glycoprotein CD1a
Uniprot ID	P26715
Gene ID	16641

For Research Use Only

Background

CD159a, also known as NKG2A or KLRC1 (killer cell lectin-like receptor subfamily C, member 1), is a 43 kD type II transmembrane protein with extracellular C-type lectin domains. It belongs to the killer cell lectin-like receptor family also known as the NKG2 family. It is expressed on NK and NKT cells and activated CD8+ T cells. NKG2A binds to non-classical MHC class I molecule Qa-1 and causes inhibition of NK cell-mediated target-cell lysis.