

PE/Elab Fluor® 594 Anti-Mouse CD159a Antibody[16A11]

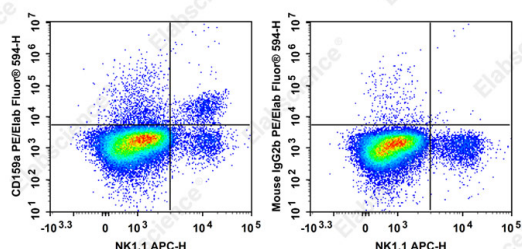
Catalog Number: AN00658P

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	PE/Elab Fluor® 594 Mouse IgG2b, κ Isotype Control[MPC-11] [Product E-AB-F09812P]
Conjugation	PE/Elab Fluor® 594
Conjugation Information	PE/Elab Fluor® 594 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 620 nm (e.g., a 610/20 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.

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 PE/Elab Fluor

® 594 Anti-Mouse CD159a Antibody and APC Anti-Mouse NK1.1 Antibody (Left). Splenocytes are stained with APC

Anti-Mouse NK1.1 Antibody and PE/Elab Fluor® 594 Mouse IgG2b, 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	KLRC1;NKG2B;NKG2AB6;CD159a抗体;CD159a流式抗体;小鼠CD159a;小鼠CD159a抗体;小鼠CD159a流式抗体;AN00658

For Research Use Only

Uniprot ID

P26715

Gene ID

16641

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.