Purified Anti-Mouse CD159a Antibody[16A11], Functional Grade

catalog number: **AN006580**

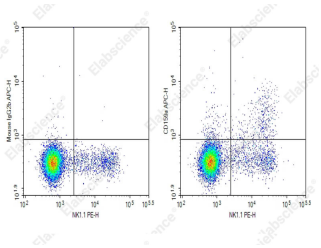
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Mouse
Immunogen	Recombinant Mouse CD159a protein
Host	Mouse
Isotype	Mouse IgG2b, κ
Clone	16A11
Purification	> 98%, Protein A/G purified, ≥ 95% monomer by analytical SEC
Endotoxin	< 1 EU/mg determined by LAL assay
Conjugation	Unconjugated
Buffer	Sterile PBS, pH 7.2. Contains no stabilizers or preservatives

Applications	Recommended Dilution
FCM	≤ 0.2 μg per million cells in 100 μL volume

Data



C57BL/6 mouse splenocytes were stained with APC Anti-Mouse CD159a Antibody[16A11] (Right) and APC Mouse IgG2b, κ Isotype Control (Left), then anti-Mouse NK1.1 PE-conjugated Monoclonal Antibody. Purified antibody conjugated with APC.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
Shipping	Ice bag

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 no n-classical MHC class I molecule Qa-1 and causes inhibition of NK cell-mediated target-cell lysis.

None (Azide-Free,Low Endotoxin) are perfectly suited to be used in culture or in vivo (for nonhuman studies) for functional assays blocking, neutralizing, activation or depletion where the presence of azide may damage cells or exogenous endotoxin may signal or activate cells.

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