

Purified Anti-Mouse CD335 Antibody[29A1.4], Functional Grade

catalog number: E-AB-F11820

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

Description

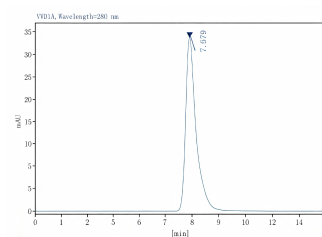
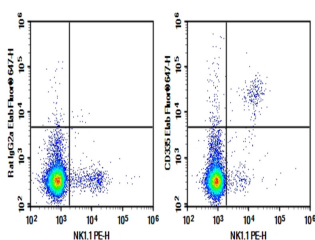
Reactivity	Mouse
Immunogen	Recombinant Mouse CD335 protein
Host	Rat
Isotype	Rat IgG2a, κ
Clone	29A1.4
Purification	>98%, Protein A/G purified
Buffer	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

Applications

Recommended Dilution

FCM $\leq 0.2 \mu\text{g}$ per million cells in 100 μL volume

Data



C57/BL6 Mouse splenocytes were stained with 0.2 μg Purified Anti-Mouse CD335 Antibody[29A1.4], Functional Grade (Right) and 0.2 μg Rat IgG2a, κ Isotype Control

Monomer purity $\geq 95\%$ as determined by analytical size-exclusion chromatography (SEC)

(Left), followed by Elab Fluor® 647-conjugated Goat Anti-Rat IgG Secondary Antibody, then anti-Mouse NK1.1 PE-conjugated Monoclonal Antibody.

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

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.

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.

For Research Use Only

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Rev. V1.8