Purified Anti-Mouse CD117 Antibody[ACK2], Functional Grade

catalog number: **E-AB-F99980**

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

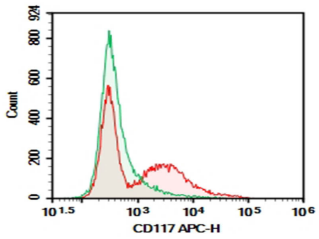
Description

Reactivity	Mouse
Immunogen	Recombinant Mouse CD117 protein
Host	Rat
Isotype	Rat IgG2b, κ
Clone	ACK2
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 .

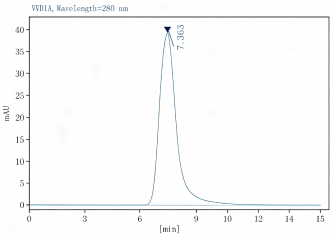
Applications | Recommended Dilution

FCM	2 μg/mL(0.5×10^6-1×10^6 cells)
Depletion	Reported in the literature
Neut	Reported in the literature

Data



C57/BL6 Mouse bone marrow were stained with 0.2 μg Purified Anti-Mouse CD117 Antibody[ACK2], Functional Grade (Right) and 0.2 μg Rat IgG2b, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Rat IgG Secondary Antibody.



Monomer purity ≥95% as determined by analytical size-exclusion chromatography (SEC)

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

The c-Kit proto-oncogene is the cellular homolog of the transforming gene of a feline retrovirus (v-Kit). The c-kit protein includes characteristics of a protein kinase transmembrane receptor. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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.

Application References

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Il-Kyu Kim, et al. Nat Med. 2015 Sep;21(9):1010-7. Wakako Kuribayashi, et al. Oncotarget. 2016 Aug 9;7(32):51027-51043.

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