

Nur für Forschungszwecke

CD117 (c-Kit) Monoklonaler Antikörper

Katalog-Nr.: PE-65094



Allgemeine Informationen

Katalog-Nr.: PE-65094	GenBank-Zugangsnummer: BC052457	Reinigungsmethode: Affinitätsreinigung
Größe: 100ug, 0.2 mg/ml	GeneID (NCBI): 16590	CloneNo.: ACK2
Wirt: Ratte	Vollständiger Name: kit oncogene	Anregungs-/Emissionsmaxima-Wellenlängen: 496 nm, 565 nm / 578 nm
Isotyp: IgG2b		

Anwendungen

Geprüfte Anwendungen:
FC

Getestete Reaktivität:
Maus

Hintergrundinformationen

CD117, also known as c-Kit and SCFR, is a transmembrane protein with tyrosine kinase activity encoded by the oncogene c-kit (PMID: 2448137). It is a member of the type III receptor tyrosine kinase family, which also includes CSF-1R, PDGFR β , PDGFR α , and FLT3 (PMID: 29518044). CD117 is expressed on hematopoietic stem cells and progenitor cells, mast cells, and is also found in a wide range of non-haemopoietic cell types (including melanocytes, germ cells, astrocytes, renal tubules, breast glandular epithelial cells, sweat glands, and interstitial cells of Cajal) (PMID: 10582338; 23073628). CD117 plays an important role in early haemopoiesis. It is also involved in pigmentation, fertility, gut movement, and some aspects of the nervous system (PMID: 23073628).

Lagerung

Lagerungsbedingungen:
Bei 2-8°C lagern. Vor Licht schützen.

Lagerungspuffer:
Phosphatbasierter Puffer mit 0,09% Natriumazid und 0,1% Gelatine, pH 7,2.

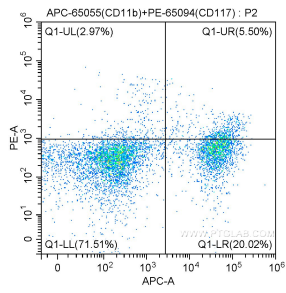
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

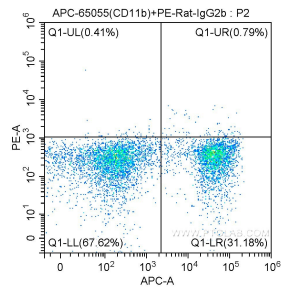
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



1X10⁶ C57BL/6 mouse bone marrow cells were surface stained with 0.20 ug APC-Anti-Mouse CD11b (APC-65055, clone M1/70) and 0.20 ug PE-Anti-Mouse CD117 (c-Kit) (PE-65094, clone ACK2). Cells were not fixed.



1X10⁶ C57BL/6 mouse bone marrow cells were surface stained with 0.20 ug APC-Anti-Mouse CD11b (APC-65055, clone M1/70) and 0.20 ug PE-Rat IgG2b isotype control. Cells were not fixed.