

Nur für Forschungszwecke

CD117 Monoklonaler Antikörper

Katalog-Nr.:CL488-65054



Allgemeine Informationen

Katalog-Nr.: CL488-65054	GenBank-Zugangsnummer: BC052457	Reinigungsmethode: Affinitätsreinigung
Größe: 100tests , 5 µl/test	GeneID (NCBI): 16590	CloneNo.: 2B8
Wirt: Ratte	Vollständiger Name: kit oncogene	Anregungs-/Emissionsmaxima-Wellenlängen: 493 nm / 522 nm
Isotyp: IgG2b, kappa		

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:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Lagerungspuffer:
PBS mit 0,1% Natriumazid und 0,5% BSA, pH 7,3.

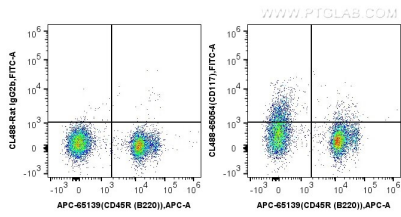
For technical support and original validation data for this product please contact:

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

Ausgewählte Validierungsdaten



1x10⁶ mouse bone marrow cells were surface stained with APC Anti-Mouse CD45R (B220) (APC-65139, Clone: RA3-6B2) and CoraLite® Plus 488-conjugated Rat IgG2b isotype control (left) or 5 ul CoraLite® Plus 488 Anti-Mouse CD117 (CL488-65054, Clone: 2B8) (right). Cells were not fixed.