

Nur für Forschungszwecke

# CD117 (c-Kit) Monoklonaler Antikörper

Katalog-Nr.:CL488-65094



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-65094	<b>GenBank-Zugangsnummer:</b> BC052457	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 16590	<b>CloneNo.:</b> ACK2
<b>Wirt:</b> Ratte	<b>Vollständiger Name:</b> kit oncogene	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 493 nm / 522 nm
<b>Isotyp:</b> 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 $\beta$ , PDGFR $\alpha$ , 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:**  
PBS mit 0,1% Natriumazid und 0,5% BSA, pH 7,3.

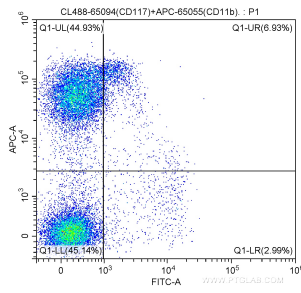
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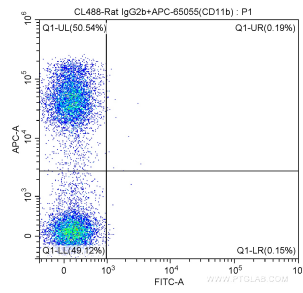
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> C57BL/6 mouse bone marrow cells were surface stained with APC-Anti-Mouse CD11b (APC-65055, Clone: M1/70) and 5.00 ul CoraLite® Plus 488-conjugated Anti-Mouse CD117 (c-Kit) (CL488-65094, Clone: ACK2). Cells were not fixed.



1X10<sup>6</sup> C57BL/6 mouse bone marrow cells were surface stained with APC-Anti-Mouse CD11b (APC-65055, Clone: M1/70) and CoraLite® Plus 488-conjugated Rat IgG2b isotype control antibody. Cells were not fixed.