

Nur für Forschungszwecke

CD117 Monoklonaler Antikörper

Katalog-Nr.:PE-65154



Allgemeine Informationen

Katalog-Nr.:

PE-65154

Größe:

100tests , 20 µl/test

Wirt:

Maus

Isotyp:

IgG1, kappa

GenBank-Zugangsnummer:

BC071593

GeneID (NCBI):

3815

Vollständiger Name:

v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog

Berechnete Masse:

976 aa, 110 kDa

Reinigungsmethode:

Der gereinigte Antikörper ist mit R-Phycoerythrin (PE) unter optimalen Bedingungen konjugiert. Das Konjugat wird mit Größenausschluss-Chromatographie gereinigt.

CloneNo.:

104D2

Anregungs-/Emissionsmaxima-Wellenlängen:

496 nm, 565 nm / 578 nm

Anwendungen

Geprüfte Anwendungen:

FC

Getestete Reaktivität:

Human, Rind

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.

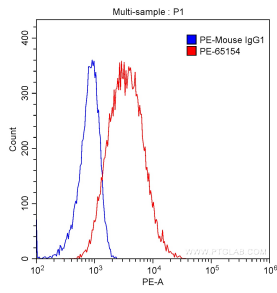
For technical support and original validation data for this product please contact:

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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 TF-1 cells were surface stained with 20.00 ul/test PE Anti-Human CD117 (PE-65154, Clone:104D2) (red) or isotype control antibody (blue). Cells were not fixed.