

Purified Anti-Mouse CD117/c-Kit Antibody[2B8]

Catalog No. E-AB-F1092A

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

Description

Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2b, κ
Clone	2B8
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Preparation & Storage

Storage This product can be stored at 2-8°C for 12 months. Do not freeze.

Background

CD117 is a 145 kD immunoglobulin superfamily member also known as c-Kit and stem cell factor receptor (SCFR). It is a transmembrane tyrosine-kinase receptor that binds the c-Kit ligand (also known as steel factor, stem cell factor, and mast cell growth factor). CD117 is expressed on hematopoietic stem cells (including multipotent hematopoietic stem cells, progenitors committed to myeloid and/or erythroid lineages, and T and B cell precursors), mast cells, and acute myeloid leukemia (AML) cells. CD117 interaction with its ligand is critical for the development of hematopoietic stem cells.

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