

Product datasheet for **SM052R**

Kit Rat Monoclonal Antibody [Clone ID: 2B8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2B8
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat antibody to label 10e6 cells.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	IL-3 dependent mast cells. Spleen cells from immunised Wistar rats were fused with cells of the Fox-NY mouse myeloma cell line.
Specificity:	This antibody reacts with CD117 also known as Kit or c-kit receptor. Clone 2B8 recognises an epitope within the extracellular region of CD117.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: PE State: Lyophilized purified IgG fraction. Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore with distilled water.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A.
Conjugation:	PE
Storage:	Store the antibody undiluted at 2-8°C. This product is photosensitive and should be protected from light. DO NOT FREEZE!
Stability:	Shelf life: One year from despatch.
Gene Name:	kit oncogene
Database Link:	Entrez Gene 16590 Mouse P05532



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Background: CD117 is the receptor of the steel factor (Stem Cell Factor). C-kit receptor is expressed on 5-10% of total adult bone marrow cells including multipotent hematopoietic cells.

Synonyms: SCFR, KIT