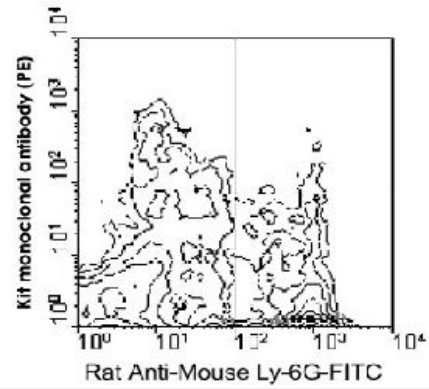
Kit monoclonal antibody, clone 2B8 (FITC)

Catalog # MAB5960 Size 500 ug

Applications



Flow Cytometry

BALB/c bone marrow cells were double-stained with Kit monoclonal antibody, clone 2B8 (PE) (Cat # MAB5962) and rat anti-mouse Ly-6G-FITC, following which total cells were analyzed by flow cytometry.

Specification

Product Description	Rat monoclonal antibody raised against native Kit.
Immunogen	Native purified Kit from murine bone marrow mast cells.
Host	Rat
Reactivity	Mouse
Specificity	Specificity CD117/c-Kit
Form	Liquid
Conjugation	FITC
Isotype	IgG2b, kappa
Recommend Usage	Flow Cytometry (1 ug/10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)

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Storage Instruction	Store in the dark at 4°C. Do not freeze. Avoid prolonged exposure to light. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Flow Cytometry

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Gene Info — Kit

Entrez GeneID	16590
Gene Name	Kit
Gene Alias	Bs, CD117, Fdc, Gsfsco1, Gsfsco5, Gsfsow3, SCO1, SCO5, SOW3, Ssm, Tr-kit, W, c-KIT
Gene Description	kit oncogene
Gene Ontology	Hyperlink
Other Designations	Dominant white spotting|Steel Factor Receptor|belly-spot|c-kit|c-kit proto-oncogene protein|dominant spotting|spotted sterile male

Publication Reference

- Interaction of stem cell factor and its receptor c-kit mediates lodgment and acute expansion of hematopoietic cells in the murine spleen.

  Broudy VC, Lin NL, Priestley GV, Nocka K, Wolf NS.

  Blood 1996 Jul; 88(1):75.

- Distinct stages of melanocyte differentiation revealed by anlaysis of nonuniform pigmentation patterns.

  Yoshida H, Kunisada T, Kusakabe M, Nishikawa S, Nishikawa SI.

  Development 1996 Apr; 122(4):1207.

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- Functional hierarchy of c-kit and c-fms in intramarrow production of CFU-M.

  Sudo T, Nishikawa S, Ogawa M, Kataoka H, Ohno N, Izawa A, Hayashi S, Nishikawa S.

  Oncogene 1995 Dec; 11(12):2469.

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