Anti-Mouse CD45R Antibody, Clone RA3-6B2, PE

Target Antigen Name: CD45R (B220)
Alternative Names: B220, Protein tyrosine phosphatase receptor type C, PTPRC
Gene ID: 19264/5788
Species Reactivity: Human, Mouse, Cat
Host Species: Rat
Clonality: Monoclonal
Clone: RA3-6B2
Isotype: IgG2a, kappa
Immunogen: Abelson murine leukemia virus-induced pre-B tumor cells
Conjugate: PE

Applications
Verified: CellSep, FC
Reported: FC
Special Applications: This antibody clone has been verified for purity assessments of cells isolated with EasySep™ kits, including EasySep™ Mouse B Cell Isolation Kit (Catalog #19854).

Abbreviations: CellSep: Cell separation; ChIP: Chromatin immunoprecipitation; FA: Functional assay; FC: Flow cytometry; ICC: Immunocytochemistry; IF: Immunofluorescence microscopy; IHC: Immunohistochemistry; IP: Immunoprecipitation; RIA: Radioimmunoassay; WB: Western blotting

Properties
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide
Purification: The antibody was purified by affinity chromatography and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.
Stability and Storage: Product stable at 2 - 8°C when stored undiluted. Do not freeze. Protect product from prolonged exposure to light. For product expiry date, please contact techsupport@stemcell.com.
Directions for Use: For flow cytometry the suggested use of this antibody is ≤ 0.25 μg per 1 x 10^6 cells in 100 μl volume. It is recommended that the antibody be titrated for optimal performance for each application.
Data

Flow cytometry analysis of C57BL/6 mouse splenocytes labeled with Anti-Mouse CD45R Antibody, Clone RA3-6B2, PE (filled histogram) or Rat IgG2a, kappa Isotype Control Antibody, Clone RTK2758, PE (Catalog #60076PE) (solid line histogram).

Related Products

For a complete list of antibodies, including other conjugates, sizes and clones, as well as related products available from STEMCELL Technologies, please visit our website at www.stemcell.com/antibodies or contact us at techsupport@stemcell.com.

References

4. del Rio ML et al. (2011) Fi3L-mobilized dendritic cells bearing H2-Kbm1 apoptotic cells do not induce cross-tolerance to CD8+ T cells across a class I MHC mismatched barrier. Transpl Int 24(5): 501-13. (FC)

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