www.innocyto.com.cn

InnoCyto Inc.

15375 Barranca Pkwy, Suite I-103
Irvine, CA 92618
Email: info@innocyto.com
Phone: 1-949-418-7543

PerCP/Cyanine5.5 Anti-Mouse CD45.2 Antibody

Catalog Number:	202313, 202314
Size:	25 μg, 100 μg
Target Name:	CD45.2, Ly-5.2, LCA
Regulatory Status:	RUO

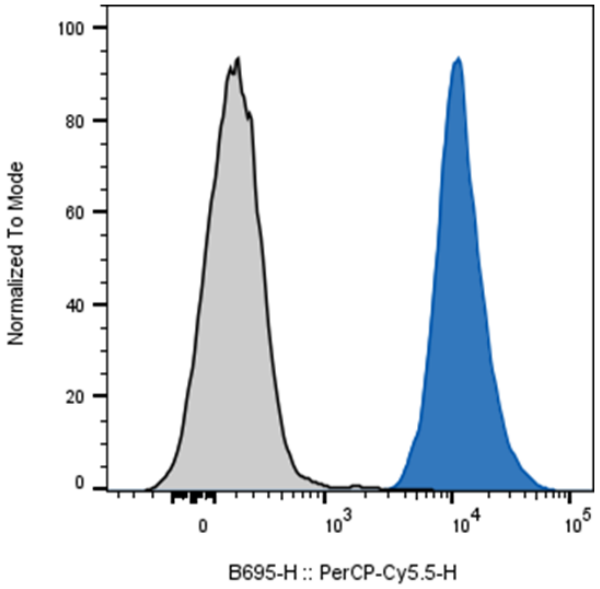
PRODUCT DETAILS

Clone:	104
Application:	Flow Cytometry
Reactivity:	Mouse
Format:	PerCP/Cyanine5.5
Isotype:	Mouse IgG2a
Antibody Type:	Monoclonal
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA
Protein Concentration:	Supplied at a lot-specific concentration.
Storage&Handling:	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Recommended Usage:	For flow cytometric staining, it is recommended to use less than 0.25 µg of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application. PerCP/Cyanine5.5 has an excitation max at 482 nm and an emission max at 695 nm.
Excitation Laser:	Blue Laser (488 nm)
Isotype Control:	301519

BACKGROUND INFORMATION

CD45.2 is a mouse alloantigen variant of CD45, expressed by Ly5.2-bearing mouse strains (e.g., A, AKR, BALB/c, CBA/Ca, CBA/J, C3H/He, C57BL, C57BR, C57L, C58, DBA/1, DBA/2, NZB, SWR, 129). CD45 is a 180â€“240 kDa receptor-type protein tyrosine phosphatase (PTP) expressed on all hematopoietic cells except mature erythrocytes and platelets. CD45.2 plays a crucial role in immune cell signaling, lymphocyte development, and activation.

PRODUCT DATA



Mouse splenocytes were stained with PerCP/Cy5.5 Anti-Mouse CD45.2 clone 104 (color-filled histogram) or an isotype control (gray histogram).

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