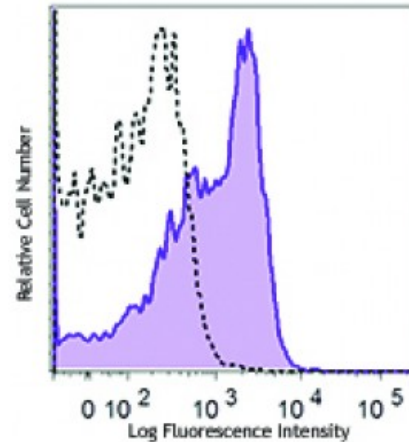


PE/Cy7 anti-human CD120b

Catalog # / Size:	2392055 / 25 tests 2392060 / 100 tests
Clone:	3G7A02
Isotype:	Rat IgG2a, κ
Immunogen:	Partial CD120b recombinant protein expressed in 293E cells (22-211aa).
Reactivity:	Human
Preparation:	The antibody was purified by affinity chromatography and conjugated with PE/Cy7 under optimal conditions. The solution is free of unconjugated PE/Cy7 and unconjugated antibody.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).
Concentration:	0.5



Human peripheral blood lymphocytes were stained with CD120b (clone 3G7A02) PE/Cy7 (filled histogram) or rat IgG2a, κ PE/Cy7 isotype control (open histogram).

Applications:

Applications:	Flow Cytometry
Recommended Usage:	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is 5 microL per million cells or 5 microL per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Description: CD120b, also known as TNFR2 or TNFRSF1B, belongs to the TNF receptor superfamily and can interact with ligands TNF- α and TNF- β (also known as LT- α). It is a 75 kD type I transmembrane protein expressed on lymphocytes, monocytes, and granulocytes. When present in a heterocomplex with CD120a, it induces the recruitment of anti-apoptotic molecules, c-IAP1 and c-IAP2 that possess E3 ubiquitin ligase activity. Mutations in CD120b are associated with TNF-associated periodic syndrome (TRAPS) or periodic fever syndrome.

Antigen	1. Andrews JS, <i>et al.</i> 1990. <i>J. Immunol.</i> 144:2582.
References:	2. Nophar Y, <i>et al.</i> 1990. <i>EMBO J.</i> 9:3269.
	3. Kohno T, <i>et al.</i> 1990. <i>Proc. Natl. Acad. Sci. USA</i> 87:8331.
	4. Tartaglia LA, <