SONY

Product Data Sheet

PE/Cyanine7 anti-human CD120b

Catalog # / Size: 2392055 / 25 tests
2392060 / 100 tests

Clone: 3G7A02

Isotype: Rat IgG2a, κ

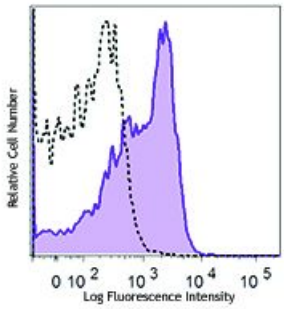
Immunogen: Partial CD120b recombinant protein expressed in 293E cells (22-211aa).

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography and conjugated with PE/Cy7 under optimal conditions.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA).

Concentration: Lot-specific

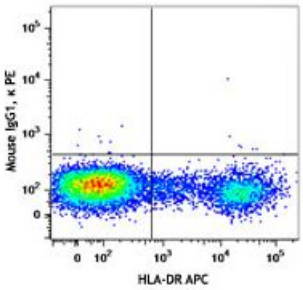


Human peripheral blood lymphocytes were stained with CD120b (clone 3G7A02) PE/Cy7 (filled histogram) or rat IgG2a, κPE/Cy7 isotype control (open histogram).

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 µl per million cells or 5 µl per 100 µl of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.



Description: CD120b, also known as TNFRII 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 References:

1. Andrews JS, *et al.* 1990. *J. Immunol.* 144:2582.
2. Nophar Y, *et al.* 1990. *EMBO J.* 9:3269.
3. Kohno T, *et al.* 1990. *Proc. Natl. Acad. Sci. USA* 87:8331.
4. Tartaglia LA, *et al.* 1991. *Proc. Natl. Acad. Sci. USA* 88:9292.
5. Hijdra D, *et al.* 2012. *J. Inflamm.* (Lond). 9:38.
6. Chen X, *et al.* 2013. *J. Immunol.* 190:1076.

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