Purified anti-human 4-1BB Ligand (CD137L)

Catalog # / Size: 2157510 / 100 μg

Clone: 5F4

Isotype: Mouse IgG1, κ

Reactivity: Human

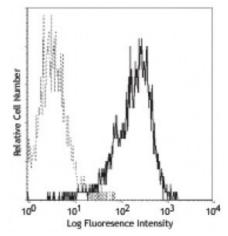
Preparation: The antibody was purified by affinity

chromatography.

Formulation: Phosphate-buffered solution, pH 7.2,

containing 0.09% sodium azide.

Concentration: 0.5



HuT 78 (T lymphoma cell line) stained with purified 5F4, then detected with biotinylated antimouse IgG followed by Sav-PE

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 \leq 2.0 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each

application.

Application

Notes:

For most successful immunofluorescent staining results, it may be important to maximize signal over background by using a relatively bright fluorochromeantibody conjugate (Cat. No. 311504) or by using a high sensitivity, three-layer staining technique (e.g., including a biotinylated anti-mouse IgG second step (Cat.

No. 405303), followed by SAv-PE (Cat. No. 405204)).

Application References:

1. Gullo C, et al. 2010. PLoS One. 5:e10845. (FC) PubMed

Description: 4-1BB ligand, also known as CDw137L, is a 97 kD member of the TNF superfamily

mainly expressed on APCs, activated B and T cells. It has been reported to be important in T cell proliferation and cytokine production through interaction with 4-1BB receptor. 4-1BB ligand appears to be able to act as a costimulatory molecule without the engagement of other costimulatory molecules such as

CD28.

Antigen References:

1. Akiba H, et al. 2000. J. Exp. Med. 191:375.

2. Pollak KE, et al. 1995. Eur. J. Immunol. 25:488.

3. DeBenedette MA, et al. 1997. J. Immunol. 158:551.

4. Goodwin RG, et al.