Technical Data Sheet

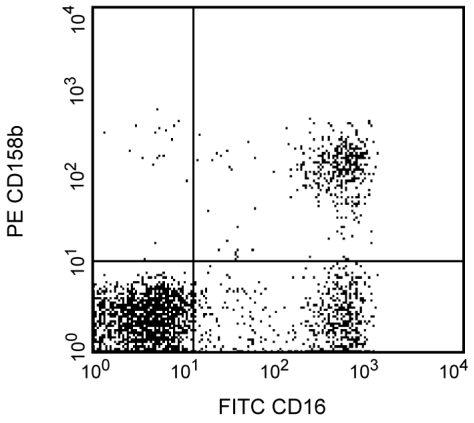
PE Mouse Anti-Human CD158b

Product Information

Material Number:	**559785**
Size:	100 tests
Vol. per Test:	20 µl
Clone:	CH-L
Isotype:	Mouse IgG2b, κ
Reactivity:	QC Testing: Human
Workshop:	VI NK8
Storage Buffer:	Aqueous buffered solution containing BSA and ≤0.09% sodium azide.

Description

Reacts with a 50 - 58 kDa type I glycoprotein molecule of the killer cell inhibitory receptor (KIR) family of proteins. CD158b has also been known as GLI83, p50.2, or p58.2. CD158b is composed of two extracellular Ig-like domains. It is expressed on a subset of NK cells and it may also be present on rare T cells (either CD3/TCR αβ+, or CD3/TCR γδ+). CD158b regulates NK cell mediated cytolytic activity by interacting with HLA-C alleles (Cw 1, 3, 7 and 8).



Profile of peripheral blood lymphocytes analyzed by flow cytometry

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
The antibody was conjugated with R-PE under optimum conditions, and unconjugated antibody and free PE were removed.
Store undiluted at 4°C and protected from prolonged exposure to light. Do not freeze.

Application Notes

Application

Flow cytometry	Routinely Tested

Suggested Companion Products

Catalog Number	Name	Size	Clone
555743	PE Mouse IgG2b κ Isotype Control	100 tests	27-35

Product Notices

1. This reagent has been pre-diluted for use at the recommended Volume per Test. We typically use 1 × 10^6 cells in a 100-µl experimental sample (a test).
2. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
3. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.
4. For fluorochrome spectra and suitable instrument settings, please refer to our Fluorochrome Web Page at www.bdbiosciences.com/colors.
5. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.
6. Source of all serum proteins is from USDA inspected abattoirs located in the United States.

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References

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