Technical Data Sheet

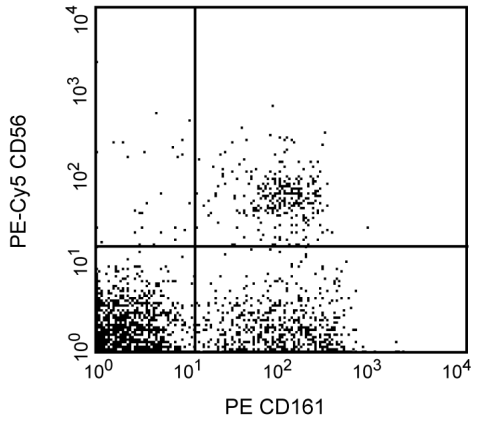
PE Mouse Anti-Human CD161

Product Information

Material Number:	**556081**
Size:	100 tests
Vol. per Test:	20 µl
Clone:	DX12
Isotype:	Mouse IgG1, κ
Reactivity:	QC Testing: Human
Workshop:	VI NK12
Storage Buffer:	Aqueous buffered solution containing BSA and ≤0.09% sodium azide.

Description

Reacts with an 80 kD disulfide-linked homodimer, type II membrane glycoprotein, also referred to as NKR-P1A. CD161 is expressed on most NK cells and on subsets of CD4+ and CD8+ T cells. Reports indicate that CD161 is expressed preferentially on CD45RO+ T cells, however, it can be found on a subset of thymocytes and fetal liver T cells. Its function has not been fully elucidated, but reports indicate that NKR-P1A may serve as a specific receptor for some NK cell targets.



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
555749	PE Mouse IgG1, κ Isotype Control	100 tests	MOPC-21

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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