

Technical Data Sheet

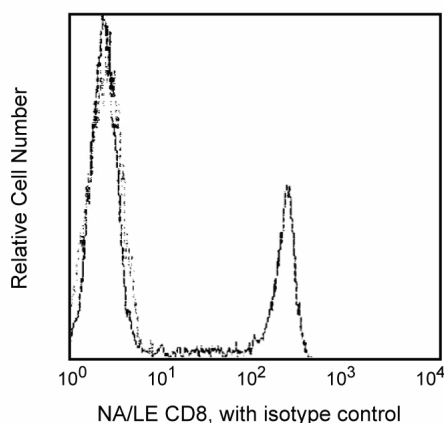
Purified NA/LE Mouse Anti-Human CD8

Product Information

Material Number:	555630
Size:	0.5 mg
Concentration:	1.0 mg/ml
Clone:	HIT8a
Isotype:	Mouse IgG1, κ
Reactivity:	QC Testing: Human
Workshop:	V 5T-CD08.10
Storage Buffer:	No azide/low endotoxin: Aqueous buffered solution containing no preservative, 0.2 μ m sterile filtered. Endotoxin level is \leq 0.01 EU/ μ g (\leq 0.001 ng/ μ g) of protein as determined by the LAL assay.

Description

Reacts with the α subunit (32 kDa) of the two-chain complex. CD8 molecule binds to HLA class I molecules during interaction of CD8+ T cells with antigen-presenting cells or with target cells. CD8 is expressed on T cytotoxic/suppressor cell populations. HIT8a stains approximately 13 - 48% of peripheral blood lymphocytes and 80% of thymocytes, as well as a subset of NK cells. Clones HIT8a and RPA-T8 (Cat. No. 555364) are not cross-blocking.



Profile of peripheral blood lymphocytes analyzed on a FACSscan (BDIS, San Jose, CA).

Preparation and Storage

Store undiluted at 4°C.

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

This preparation contains no preservatives, thus it should be handled under aseptic conditions.

Application Notes

Application

Flow cytometry	Routinely Tested
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Suggested Companion Products

Catalog Number	Name	Size	Clone
554721	Purified NA/LE Mouse IgG1 κ Isotype Control	0.5 mg	107.3
555988	FITC Goat Anti-Mouse IgG/IgM	0.5 mg	Polyclonal

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. An isotype control should be used at the same concentration as the antibody of interest.
3. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.

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