

## Technical Data Sheet

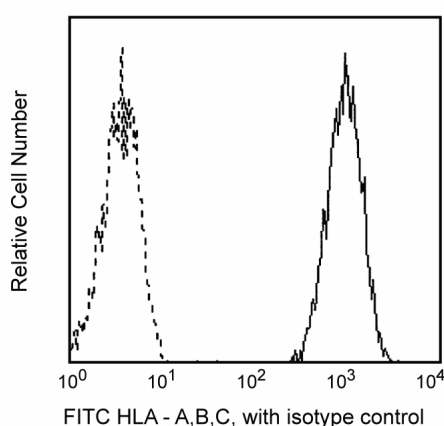
## FITC Mouse Anti-Human HLA-ABC

## Product Information

Material Number:	560965
Size:	25 tests
Vol. per Test:	20 µl
Clone:	G46-2.6
Isotype:	Mouse IgG1, κ
Reactivity:	QC Testing: Human
	Tested in Development: Baboon, Rhesus, Cynomolgus
Storage Buffer:	Aqueous buffered solution containing BSA and ≤0.09% sodium azide.

## Description

The G46-2.6 monoclonal antibody specifically binds to a monomorphic epitope on the alpha chain of major histocompatibility (MHC) HLA Class I antigens. Class I MHC antigens are widely distributed on human nucleated cells.



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

## Preparation and Storage

Store undiluted at 4°C and protected from prolonged exposure to light. Do not freeze.

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

The antibody was conjugated with FITC under optimum conditions, and unreacted FITC was removed.

## Application Notes

## Application

Flow cytometry	Routinely Tested
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## Suggested Companion Products

Catalog Number	Name	Size	Clone
555748	FITC 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  $1 \times 10^6$  cells in a 100-µl experimental sample (a test).
2. Source of all serum proteins is from USDA inspected abattoirs located in the United States.
3. 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.
4. Please refer to [www.bdbiosciences.com/pharmingen/protocols](http://www.bdbiosciences.com/pharmingen/protocols) for technical protocols.

## References

Barclay NA, Brown MH, Birkeland ML, et al, ed. *The Leukocyte Antigen FactsBook*. San Diego, CA: Academic Press; 1997. (Biology)

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