

Technical Data Sheet

Purified Mouse Anti-Human HLA-ABC**Product Information**

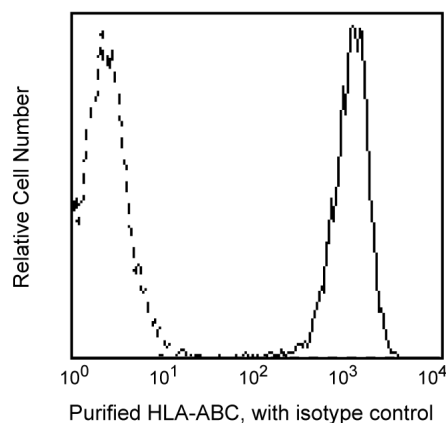
Material Number:	557347
Size:	0.1 mg
Concentration:	0.5 mg/ml
Clone:	G46-2.6
Isotype:	Mouse IgG1 κ
Reactivity:	Human
	QC Testing: Baboon or Rhesus or Cynomolgus
Storage Buffer:	Aqueous buffered solution containing ≤0.09% sodium azide.

Description

Reacts with a monomorphic epitope of major histocompatibility Class I antigens widely distributed on human nucleated cells.

This clone also cross-reacts with peripheral blood leukocytes of baboon, and both rhesus and cynomolgus macaque monkeys. The distribution on leukocytes is similar to that observed with peripheral blood leukocytes from normal human donors, with all lymphocytes, monocytes, and granulocytes being positive.

This antibody is routinely tested by flow cytometric analysis. Other applications were tested at BD Biosciences Pharmingen during antibody development only or reported in the literature.



Profile of anti-HLA-ABC reactivity on peripheral blood lymphocytes of Baboon (papio anubis) analyzed by flow cytometry

Preparation and Storage

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

Store undiluted at 4° C.

Application Notes**Application**

Flow cytometry	Routinely Tested
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Suggested Companion Products

Catalog Number	Name	Size	Clone
556648	Purified Mouse IgG1 Kappa Isotype Control	0.1 mg	MOPC-21
555988	FITC Goat Anti-Mouse IgG/IgM	0.5 mg	Gt/Ms

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Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to www.bdbiosciences.com/pharmlngen/protocols for technical protocols.
3. For fluorochrome spectra and suitable instrument settings, please refer to our Fluorochrome Web Page at www.bdbiosciences.com/pharmlngen/colors.
4. 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.

References

Barclay NA, Brown MH, Birkeland ML, et al, ed. *The Leukocyte Antigen FactsBook*. San Diego, CA: Academic Press; 1997.(Biology)
Sopper S, Stahl-Hennig C, Demuth M, Johnston IC, Dorries R, ter Meulen V. Lymphocyte subsets and expression of differentiation markers in blood and lymphoid organs of rhesus monkeys. *Cytometry*. 1997; 29(4):351-362.(Biology)