

Technical Data Sheet

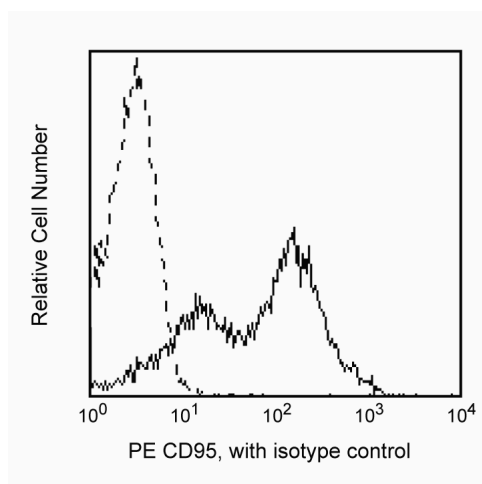
PE Mouse Anti-Human CD95

Product Information

Material Number:	556641
Alternate Name:	APO-1; FAS; TNFRSF6; Tumor necrosis factor receptor superfamily, member 6
Size:	50 tests
Vol. per Test:	20 µl
Clone:	DX2
Isotype:	Mouse IgG1, κ
Reactivity:	Human
	QC Testing: Baboon or Rhesus or Cynomolgus
	Tested in Development: Dog, Pig
	VI C-64
Workshop:	
Storage Buffer:	Aqueous buffered solution containing BSA and ≤0.09% sodium azide.

Description

Reacts with the human form of the 40-50 kDa transmembrane cell surface Fas or Apo-1 antigen. The Fas/Apo-1 antigen is a polypeptide which plays a role in the programmed sequence of events leading to cell death, termed apoptosis. DX2 cross-reacts with a subset of peripheral blood lymphocytes, monocytes and granulocytes of baboon and both rhesus and cynomolgus macaque monkeys. The distribution on lymphocytes is similar to that seen with human peripheral blood lymphocytes being broadly expressed on all major lymphocyte subsets.



Profile of anti-CD95 reactivity on peripheral blood lymphocytes of rhesus macaque (Macaca mulatta) 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
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Suggested Companion Products

Catalog Number	Name	Size	Clone
556650	PE Mouse IgG1, κ Isotype Control	50 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.

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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.

References

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- Itoh N, Yonehara S, Ishii A, et al. The polypeptide encoded by the cDNA for human cell surface antigen Fas can mediate apoptosis. *Cell*. 1991; 66(2):233-243. (Biology)
- Kishimoto T, von dem Borne AEG, Goyert SM, et al., ed. *Leucocyte Typing VI: White Cell Differentiation Antigens*. London: Garland Publishing; 1997. (Clone-specific)
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