

## Technical Data Sheet

## PE Mouse Anti-Human CD59

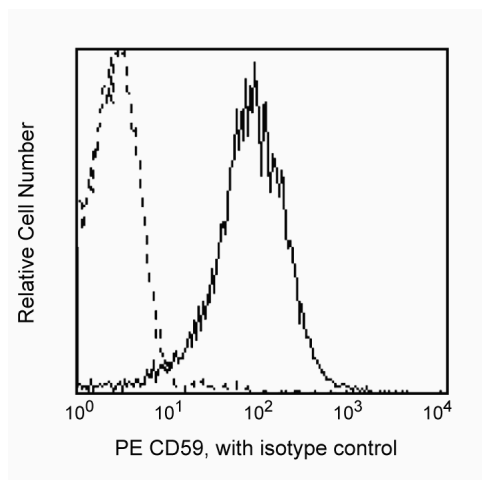
## Product Information

<b>Material Number:</b>	557141
<b>Size:</b>	50 tests
<b>Vol. per Test:</b>	20 µl
<b>Clone:</b>	p282 (H19)
<b>Isotype:</b>	Mouse IgG2a, κ
<b>Reactivity:</b>	Human
	QC Testing: Baboon or Cynomolgus or Rhesus
<b>Workshop:</b>	V S006
<b>Storage Buffer:</b>	Aqueous buffered solution containing BSA and ≤0.09% sodium azide.

## Description

Clone p282 reacts with the human form of the 19 kDa glycosylphosphatidylinositol (GPI)-anchored glycoprotein known as CD59, expressed on hematopoietic and non-hematopoietic cells. Clone p282 also cross-reacts with peripheral blood leukocytes of baboon and both rhesus and cynomolgus macaque monkeys. The distribution of leukocytes is similar to that observed with peripheral blood leukocytes from normal human donors, with all populations, lymphocytes, monocytes and granulocytes showing reactivity to p282.

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-CD59 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
556653	PE Mouse IgG2a, κ Isotype Control	50 tests	G155-178

## 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. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
3. Please refer to [www.bdbiosciences.com/pharmingen/protocols](http://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](http://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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