

Technical Data Sheet

PE Mouse Anti-Rat Macrophage Subset

Product Information

Material Number:	554901
Size:	0.2 mg
Concentration:	0.2 mg/ml
Clone:	HIS36
Immunogen:	Not reported
Isotype:	Mouse IgG2a, κ
Reactivity:	QC Testing: Rat
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

The HIS36 antibody reacts with an ED2-like antigen, which is found on tissue macrophages and thioglycollate-elicited peritoneal exudate cells, but not on monocytes.

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
553457	PE Mouse IgG2a, κ Isotype Control	0.1 mg	G155-178

Product Notices

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

Dijkstra CD, Döpp EA, Joling P, Kraal G. The heterogeneity of mononuclear phagocytes in lymphoid organs: distinct macrophage subpopulations in the rat recognized by monoclonal antibodies ED1, ED2 and ED3. *Immunology*. 1985; 54(3):589-599.(Biology)
 van Goor H, Harms G, Gerrits PO, Kroese FG, Poppema S, Grond J. Immunohistochemical antigen demonstration in plastic-embedded lymphoid tissue. *J Histochem Cytochem*. 1988; 36(1):115-120.(Biology)

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