

Technical Data Sheet

FITC Mouse Anti-Rat Granulocytes

Product Information

Material Number:	554907
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	HIS48
Immunogen:	Not reported
Isotype:	Mouse IgM, κ
Reactivity:	QC Testing: Rat
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

The HIS48 antibody reacts with an antigen found on all granulocytes. It is also found on cells of the erythroid lineage at various stages of maturation in bone marrow.

Preparation and Storage

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. 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
553474	FITC Mouse IgM, κ Isotype Control	0.25 mg	G155-228

Product Notices

1. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.
2. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
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.

References

van Goor H, Fidler V, Weening JJ, Grond J. Determinants of focal and segmental glomerulosclerosis in the rat after renal ablation. Evidence for involvement of macrophages and lipids. *Lab Invest.* 1991; 64(6):754-765.(Clone-specific)

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