

## Technical Data Sheet

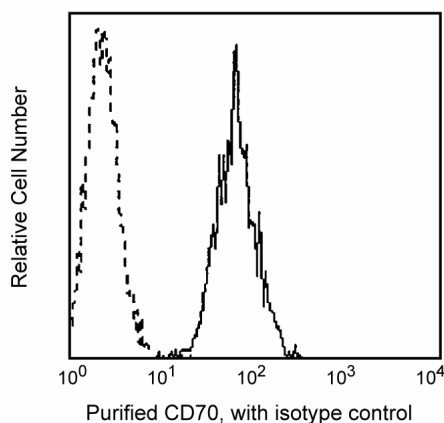
## Purified Mouse Anti-Human CD70

## Product Information

Material Number:	555833
Size:	0.1 mg
Concentration:	0.5 mg/ml
Clone:	Ki-24
Isotype:	Mouse IgG3, $\kappa$
Reactivity:	QC Testing: Human
Workshop:	IV A109
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

## Description

Reacts with an antigen which immunoprecipitates as five bands (50, 70, 90, 100 and 160 kDa) under non-reducing conditions. CD70 is strongly expressed on Reed-Sternberg cells, some activated T or B cells and Epstein Barr Virus (EBV)+ lymphoblastoid cell lines. Reports suggest that CD70 plays a role in the regulation of special T-cell proliferative functions.



Profile of U266 (human plasma cell line) analyzed on a FACScan (BDIS, San Jose, CA)

## 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
555577	Purified Mouse IgG3, $\kappa$ Isotype Control	0.1 mg	J606
555988	FITC Goat Anti-Mouse IgG/IgM	0.5 mg	Polyclonal

## BD Biosciences

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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/pharmingen/protocols](http://www.bdbiosciences.com/pharmingen/protocols) for technical protocols.
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

Schlossman SF, Boumsell L, Gilks W, et al, ed. *Leukocyte Typing V: White Cell Differentiation Antigens*. New York: Oxford University Press; 1995.(Biology)  
Knapp W, Dorken B, Rieber EP, et al, ed. *Leucocyte Typing IV*. New York: Oxford University Press; 1989.(Clone-specific)