

Technical Data Sheet

Purified Mouse Anti-Human IgM

Product Information

Material Number:	555856
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	JDC-15
Isotype:	Mouse IgG1, κ
Reactivity:	QC Testing: Human
Workshop:	NA
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

Reacts specifically with human immunoglobulin M. It does not react with other heavy chain isotypes. This antibody does not stimulate B cells.

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

ELISA	Routinely Tested
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Recommended Assay Procedure:

This reagent is effective for sandwich human IgM ELISA. mAb JDC-15 is optimal as the capture mAb with clone G20-127 (Cat. No. 555781) as the detecting mAb.

Suggested Companion Products

Catalog Number	Name	Size	Clone
555781	Biotin Mouse Anti-Human IgM	0.5 mg	G20-127

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. 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

Zola H, Macardle PJ, Flego L, Webster J. The expression of sub-population markers on B cells: a re-evaluation using high-sensitivity fluorescence flow cytometry. *Dis Markers*. 1991; 9(2):103-118.(Biology)

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