

Technical Data Sheet

Purified Mouse Anti-Human IgA1**Product Information**

Material Number:	556010
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	CL-155-1
Isotype:	Mouse IgG3, λ
Reactivity:	QC Testing: Human
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

Reacts with human immunoglobulin A1 (IgA1). It does not react with human IgA2, nor does it bind to other human immunoglobulin heavy chains. IgA1 is present in serum and secretions and is expressed in less than 1% of normal peripheral blood lymphocytes.

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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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

Conley ME, Kearney JF, Lawton AR, Cooper MD. Differentiation of human B cells expressing the IgA subclasses as demonstrated by monoclonal hybridoma antibodies. *J Immunol.* 1980; 125(5):2311-2316.(Biology)

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