

## Technical Data Sheet

**Purified Mouse Anti-Human IgA1/IgA2****Product Information**

<b>Material Number:</b>	555886
<b>Size:</b>	0.5 mg
<b>Concentration:</b>	0.5 mg/ml
<b>Clone:</b>	G18-1
<b>Isotype:</b>	Mouse IgG1
<b>Storage Buffer:</b>	Aqueous buffered solution containing ≤0.09% sodium azide.

**Description**

The G18-1 antibody reacts specifically with human IgA1 and IgA2. It does not react with other Ig isotypes.

This antibody is routinely tested by ELISA. Other applications were tested at BD Biosciences Pharmingen during antibody development only or reported in the literature.

**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:**

For sandwich human IgA1 and IgA2 ELISA, purified G18-1 is optimal as the capture mAb with G20-359 (Cat. No. 555884 or 555885) as detecting mAb.

**Suggested Companion Products**

Catalog Number	Name	Size	Clone
554066	Streptavidin HRP	1.0 ml	(none)
555885	AKP Mouse Anti-Human IgA1/IgA2	1.0 ml	G20-359
555884	Biotin Mouse Anti-Human IgA1/IgA2	0.5 mg	G20-359

**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.

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