

## Technical Data Sheet

**Purified Mouse Anti-Human IgG4****Product Information**

<b>Material Number:</b>	<b>555881</b>
<b>Size:</b>	0.5 mg
<b>Concentration:</b>	0.5 mg/ml
<b>Clone:</b>	G17-4
<b>Isotype:</b>	Mouse IgG1, $\kappa$
<b>Reactivity:</b>	QC Testing: Human
<b>Storage Buffer:</b>	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

**Description**

The G17-4 antibody reacts specifically with human IgG4. It does not react with other 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:**

This antibody can be used to detect human IgG4. For the sandwich human IgG4 ELISA, purified G17-4 is optimal as capture mAb with G18-145 (Cat. No. 555785 or 555788) as detecting mAb.

**Suggested Companion Products**

Catalog Number	Name	Size	Clone
555785	Biotin Mouse Anti-Human IgG	0.5 mg	G18-145
555788	HRP Anti-Human IgG	1.0 ml	G18-145

**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.

**BD Biosciences**

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