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Datasheet for ABIN135656

## Mouse anti-Human IgG4 (pFc' Region) Antibody

1 Image

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### Overview

Quantity: 0.5 mg

Target: IgG4

Binding Specificity: pFc' Region

Reactivity: Human

Host: Mouse

Clonality: Monoclonal

Application: ELISA

### Product Details

Immunogen: Human IgG4 myeloma protein

Clone: HP6023

Isotype: IgG3

Specificity: Reacts with the pFc' portion of the heavy chain of human IgG4 as demonstrated by ELISA

Characteristics: Mouse Anti-Human IgG4 pFc'-UNLB

Purification: Purified

### Target Details

Target: IgG4

Abstract: [IgG4 Products](#)

Target Type: Antibody

## Application Details

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Application Notes:	<ul style="list-style-type: none"><li>• <b>Applications:</b> ELISA - Quality tested , FLISA - Quality tested FC - Reported in literature , IHC-FS - Reported in literature , WB - Reported in literature , IP - Reported in literature , SPR - Reported in literature</li><li>• <b>Working Dilutions:</b> ELISA AP conjugate 1:1,000 - 1:2,000 HRP conjugate 1:2,000 - 1:8,000 BIOT conjugate 1:5,000 - 1:10,000 FLISA FITC and AF488 conjugates 1:200 - 1:400 AF647 conjugate ≤ 2 g/mL PE conjugate ≤ 1 g/mL</li></ul>
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Restrictions:	For Research Use only
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## Handling

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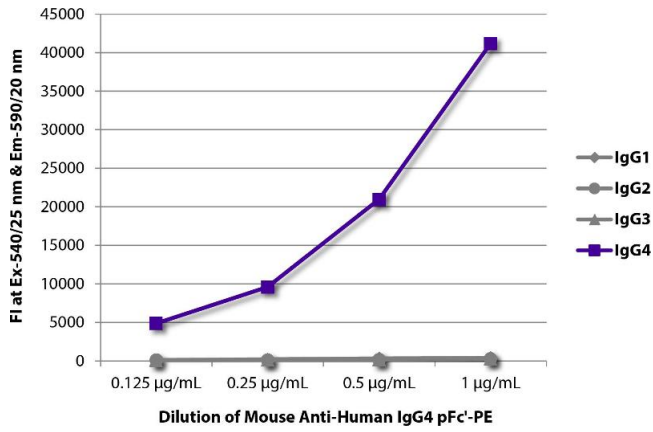
Concentration:	0.5 mg/mL
Buffer:	0.5 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added
Preservative:	Without preservative
Handling Advice:	Dilute only prior to immediate use Each reagent is stable for the period shown on the bottle label if stored as directed.
Storage:	4 °C
Storage Comment:	Store at 2-8°C

## Publications

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Product cited in: Dogan, Kozhaya, Placek, Gunter, Yigit, Hardy, Plassmeyer, Coatney, Lillard, Bukhari, Kleinberg, Hayes, Arditi, Klapper, Merin, Liang, Gupta, Alpan, Unutmaz: "SARS-CoV-2 specific antibody and neutralization assays reveal the wide range of the humoral immune response to virus." in: **Communications biology**, Vol. 4, Issue 1, pp. 129, (2021) ([PubMed](#)).

Haag, Schneider, Mason, Tuncel, Andersson, Peters, Burkhardt, Holmdahl: "Mass spectrometric analysis of citrullinated type II collagen reveals new citrulline-specific autoantibodies, which bind to human arthritic cartilage." in: **Arthritis & rheumatology (Hoboken, N.J.)**, (2014) ([PubMed](#)).



**ELISA**

**Image 1.** FLISA plate was coated with purified human IgG1, IgG2, IgG3, and IgG4. Immunoglobulins were detected with serially diluted Mouse Anti-Human IgG4 pFc'-PE.