

Datasheet for ABIN376574

Mouse anti-Human IgG4 (Fc Region) Antibody (PE)[Go to Product page](#)**1** Image**3** Publications

Overview

Quantity: 0.1 mg

Target: IgG4

Binding Specificity: Fc Region

Reactivity: Human

Host: Mouse

Clonality: Monoclonal

Conjugate: PE

Application: ELISA

Product Details

Immunogen: Human IgG4 myeloma protein

Clone: HP6025

Isotype: IgG1

Specificity: Human IgG4 Fc, Mr 146 kDa

Characteristics: Mouse Anti-Human IgG4 Fc-PE

Purification: Purified

Target Details

Target: IgG4

Abstract: [IgG4 Products](#)

Target Details

Target Type: Antibody

Application Details

Application Notes:

- **Applications:** ELISA - Quality tested , FLISA - Quality tested FC - Reported in literature , IHC-FS - Reported in literature , IHC-PS - Reported in literature , ICC - Reported in literature , WB - Reported in literature , Microarray - Reported in literature , Multiplex - Reported in literature , Purification - Reported in literature
- **Working Dilutions:** ELISA AP conjugate 1:1,000 - 1:2,000 HRP conjugate 1:4,000 - 1:8,000 BIOT conjugate 1:5,000 - 1:10,000 FLISA FITC, AF488, and AF555 conjugates 1:200 - 1:400 PE and AF647 conjugates ≤ 1 g/mL

Restrictions: For Research Use only

Handling

Concentration: 0.1 mg/mL

Buffer: 0.1 mg in 1.0 mL of PBS/Sodium azide and a stabilizing agent

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: **Do not freeze!**
Protect conjugated products from light.
Each reagent is stable for the period shown on the bottle label if stored as directed.

Storage: 4 °C

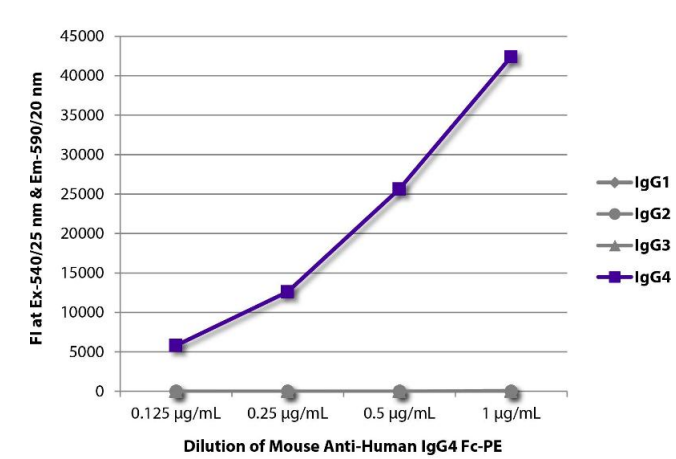
Storage Comment: Store at 2-8°C

Publications

Product cited in: Violari, Cotton, Kuhn, Schramm, Paximadis, Loubser, Shalekoff, Da Costa Dias, Otwombe, Liberty, McIntyre, Babiker, Gibb, Tiemessen: "A child with perinatal HIV infection and long-term sustained virological control following antiretroviral treatment cessation." in: **Nature communications**, Vol. 10, Issue 1, pp. 412, (2019) ([PubMed](#)).

Howie, Delaney, Wang, Er, Vidarsson, Stegmann, Kapp, Lebedev, Wu, AuBuchon, Zimring: "Serological blind spots for variants of human IgG3 and IgG4 by a commonly used anti-immunoglobulin reagent." in: **Transfusion**, Vol. 56, Issue 12, pp. 2953-2962, (2017) ([PubMed](#)).

Song, Franco, Kao, Yu, Huang, Ho: "Epitope Mapping of Ibalizumab, a Humanized Anti-CD4 Monoclonal Antibody with Anti-HIV-1 Activity in Infected Patients." in: **Journal of virology**, (2010) ([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 Fc-PE.