

Datasheet for ABIN135623

Mouse anti-Human IgG1 (Hinge Region) Antibody (FITC)[Go to Product page](#)**1** Image**1** Publication

Overview

Quantity: 0.5 mg

Target: IgG1

Binding Specificity: Hinge Region

Reactivity: Human

Host: Mouse

Clonality: Monoclonal

Conjugate: FITC

Application: ELISA

Product Details

Immunogen: Unknown

Clone: 4E3

Isotype: IgG1

Specificity: Reacts with the hinge region of the heavy chain of human IgG1 as demonstrated by ELISA

Characteristics: Mouse Anti-Human IgG1 Hinge-FITC

Purification: Immunoaffinity chromatography

Target Details

Target: IgG1

Abstract: [IgG1 Products](#)

Target Details

Target Type: Antibody

Application Details

Application Notes:

- **Applications:** ELISA - Quality tested , FLISA - Quality tested FC - Reported in literature , IHC- PS - Reported in literature , WB - Reported in literature , Multiplex - Reported in literature , Sep - Reported in literature , Purification - Reported in literature , Note - For direct immunostaining of IgG, positive cells in flow cytometry applications, clone HP, (SB Cat. No. ,) is recommended
- **Working Dilutions:** ELISA Purified (UNLB) antibody ≤ 5 g/mL 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, AF488, and AF555 conjugates 1:200 - 1:400 PE and AF647 conjugates ≤ 1 g/mL

Comment: Excitation/Emission wavelength: 494 nm/514 nm

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: 0.5 mg in 1.0 mL of PBS/Sodium azide

Preservative: Sodium azide

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

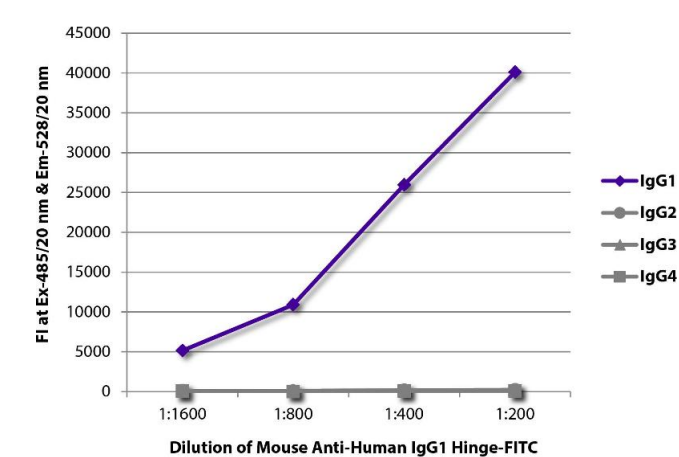
Handling Advice: Dilute only prior to immediate use
Protect conjugated products from light.
Each reagent is stable for the period shown on the bottle label if stored as directed.

Storage: 4 °C

Storage Comment: Store at 2-8°C

Publications

Product cited in: Wang, Qiu, Wang, Zhao, Jin, Xu, Rong, Ge, Zhang, Wang, Zhu: "Role of HLA-G and NCR in Protection of Umbilical Cord Blood Hematopoietic Stem Cells from NK Cell-mediated Cytotoxicity." in: **Journal of cellular and molecular medicine**, (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 IgG1 Hinge-FITC.