

Datasheet for ABIN135625

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

Overview

Quantity:	1 mL
Target:	IgG1
Binding Specificity:	Hinge Region
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	HRP
Application:	ELISA

Product Details

Clone:	4E3
Isotype:	IgG1
Purification:	Protein A affinity column

Target Details

Target:	IgG1
Abstract:	IgG1 Products
Target Type:	Antibody

Application Details

Application Notes:

Working Dilution:

ELISA: 1:2,000-1:8,000

Representative data are included in this product insert.

Each laboratory should determine an optimum working titer for use in its particular application.

Other applications have not been tested but use in such assays should not necessarily be excluded.

Restrictions:

For Research Use only

Handling

Format:

Liquid

Buffer:

1.0 mL of stock solution in 50 % glycerol / 50 % PBS, pH 7.4.

Handling Advice:

Avoid repeated freezing and thawing. Dilute only prior to immediate use

Centrifuge product if not completely clear after standing at room temperature.

Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

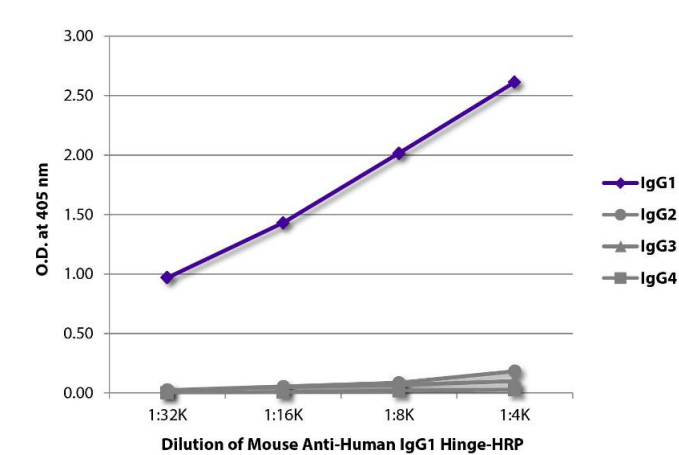
Storage:

4 °C

Publications

Product cited in:

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. ELISA plate was coated with purified human IgG1, IgG2, IgG3, and IgG4. Immunoglobulins were detected with serially diluted Mouse Anti-Human IgG1 Hinge-HRP.