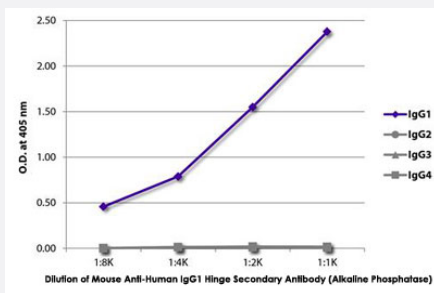


# Mouse Anti-Human IgG1 Hinge secondary antibody, clone 4E3 (Alkaline Phosphatase)

Catalog # MAB22742 Size

## Applications



### Enzyme-linked Immunoabsorbent Assay

ELISA plate was coated with purified human IgG1, IgG2, IgG3, and IgG4. Immunoglobulins were detected with serially diluted Mouse Anti-Human IgG1 Hinge secondary antibody, clone 4E3 (Alkaline Phosphatase).

## Specification

**Product Description** Mouse monoclonal antibody raised against human IgG1 Hinge.

**Immunogen** Unknown.

**Host** Mouse

**Theoretical MW (kDa)** 146

**Reactivity** Human

**Specificity** The antibody reacts with human IgG1 hinge.

**Form** Liquid

**Conjugation** Alkaline Phosphatase

**Purification** Precipitation and/or chromatography

**Purity** >= 90% purity by HPLC and/or SDS-PAGE

**Isotype** IgG1, kappa

Recommend Usage	ELISA (1:1000-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris, 1 mM MgCl <sub>2</sub> , pH 8.0 (50% glycerol, 0.09% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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## Gene Info — IGHG1

Entrez GeneID	<a href="#">3500</a>
Protein Accession#	<a href="#">P01857</a>
Gene Name	IGHG1
Gene Alias	-
Gene Description	immunoglobulin heavy constant gamma 1 (G1m marker)
Omim ID	<a href="#">147100</a>
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	-

## Disease

- [Asthma](#)
- [Crohn Disease](#)
- [Dermatomyositis](#)
- [Genetic Predisposition to Disease](#)

- [Helicobacter Infections](#)
- [Hypersensitivity](#)
- [Polymyositis](#)
- [Purpura](#)
- [Sarcoidosis](#)