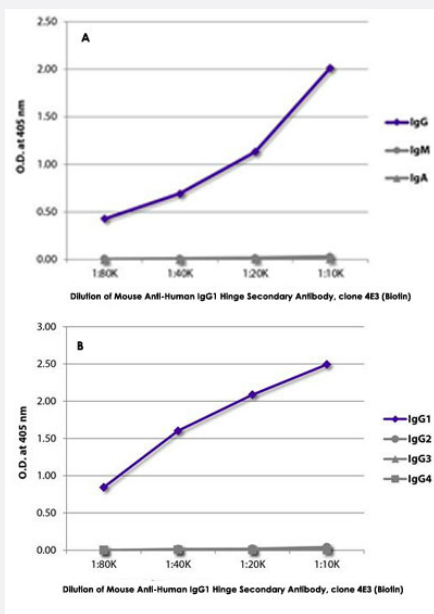


Mouse Anti-Human IgG1 Hinge secondary antibody, clone 4E3 (Biotin)

Catalog # MAB22744 Size 500 ug

Applications



Enzyme-linked Immunoabsorbent Assay

ELISA plate was coated with Fig (A) purified human IgG, IgM, and IgA, Fig (B) purified human IgG1, IgG2, IgG3, and IgG4. Immunoglobulins were detected with serially diluted Mouse Anti-Human IgG1 Hinge secondary antibody, clone 4E3 (Biotin) (Cat # MAB22744), followed by Streptavidin-HRP.

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	Biotin
Purification	Precipitation and/or chromatography
Purity	>= 90% purity by HPLC and/or SDS-PAGE
Isotype	IgG1, kappa
Recommend Usage	ELISA (1:5000-1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide).
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

ELISA plate was coated with Fig (A) purified human IgG, IgM, and IgA, Fig (B) purified human IgG1, IgG2, IgG3, and IgG4. Immunoglobulins were detected with serially diluted Mouse Anti-Human IgG1 Hinge secondary antibody, clone 4E3 (Biotin) (Cat # MAB22744), followed by Streptavidin-HRP.

Gene Info — IGHG1

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

Disease

- [Asthma](#)
- [Crohn Disease](#)
- [Dermatomyositis](#)
- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)
- [Hypersensitivity](#)
- [Polymyositis](#)
- [Purpura](#)
- [Sarcoidosis](#)