



Anti-Rat IgG1 monoclonal antibody, clone MARG1-2 [Biotin] (CABT-49912MR)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti rat IgG1, clone MARG1-2 recognizes the heavy chain of the rat immunoglobulin G1 subclass. No cross-reactivity has been found with other rat immunoglobulin classes or subclasses.
Specificity	IgG1
Immunogen	Rat IR27 IgG1 myeloma protein
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat
Clone	MARG1-2
Conjugate	Biotin
Applications	ELISA
Format	Purified IgG conjugated to Biotin - liquid
Size	500 µg
Preservative	0.1% Sodium Azide
Storage	in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	Ighg Immunoglobulin heavy chain (gamma polypeptide) [Rattus norvegicus (Norway rat)]
Official Symbol	Ighg
Synonyms	IGHG; Immunoglobulin heavy chain (gamma polypeptide); RGD1359539; IGG1;
Entrez Gene ID	299354
UniProt ID	P20759
Chromosome Location	6q32
Pathway	Classical antibody-mediated complement activation; Complement cascade; Creation of C4 and C2 activators; FCGR activation; Fcgamma receptor (FCGR) dependent phagocytosis; Immune System; Initial triggering of complement;
Function	antigen binding