



Anti-Mouse IgG2a monoclonal antibody, clone LO-MG2a-9 [HRP] (CABT-54680RM)

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

PRODUCT INFORMATION

Product Overview	Rat anti Mouse IgG2a Heavy Chain antibody, clone LO-MG2a-9 recognizes the mouse gamma 2a heavy chain, binding to all allotypes and does not cross-react with other murine immunoglobulin classes or subclasses. The avidity of Rat anti Mouse IgG2a Heavy Chain antibody, clone LO-MG2a-9 for murine IgG2a = $2.5 \times 10^9 \text{M}^{-1}$.
Specificity	IGHG2A
Immunogen	Purified IgG2a from Balb/c mice
Isotype	IgG1
Source/Host	Rat
Species Reactivity	Mouse
Clone	LO-MG2a-9
Conjugate	HRP
Applications	ELISA
Format	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid
Size	500 µg
Preservative	See individual product datasheet
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	Ighg2a immunoglobulin heavy constant gamma 2A [Mus musculus (house mouse)]
Official Symbol	Ighg2a
Synonyms	IGHG2A; immunoglobulin heavy constant gamma 2A; Igh-1; Igh-1a; 1810060O09Rik; Ig heavy chain Mem5; MLT2-23 heavy chain; immunoglobulin gamma-2a heavy chain; immunoglobulin heavy chain 1 (serum IgG2a); immunoglobulin heavy chain 1a (serum IgG2a)
Entrez Gene ID	380793
UniProt ID	P01863
Chromosome Location	12 F2; 12
Function	antigen binding