



# Anti-Mouse IgG2a monoclonal antibody, clone LO-MG2a-9 [FITC] (CABT-54679RM)

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 =  $2.5 \times 10^9 M^{-1}$ .

**Specificity** IGHG2A

**Immunogen** Purified IgG2a from Balb/c mice

**Isotype** IgG1

**Source/Host** Rat

**Species Reactivity** Mouse

**Clone** LO-MG2a-9

**Conjugate** FITC

**Applications** FC

**Size** 500 µg

**Preservative** See individual product datasheet

**Storage** in frost free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Ighg2a immunoglobulin heavy constant gamma 2A [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	Ighg2a
<b>Synonyms</b>	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)
<b>Entrez Gene ID</b>	<a href="#">380793</a>
<b>UniProt ID</b>	P01863
<b>Chromosome Location</b>	12 F2; 12
<b>Function</b>	antigen binding