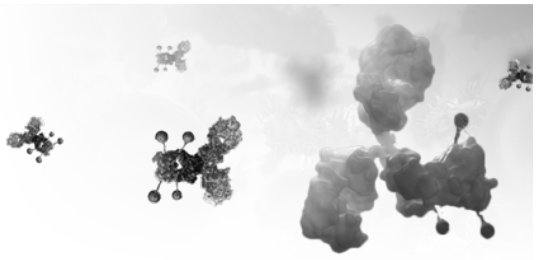

Mouse Anti-Rat FcRn heavy chain heterodimers Monoclonal antibody, clone 2G3 (CABT-L4306)

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

PRODUCT INFORMATION

Product Overview	The 2G3 antibody was raised against soluble rat neonatal Fc receptor (FcRn) in an adjuvant
Target	Rat FcRn heavy chain heterodimers
Immunogen	Purified soluble FcRn
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat
Clone	2G3
Purification	Protein G purified. Purity>95%. Determined by SDS-PAGE
Conjugate	Functional Grade
Applications	ELISA, FC
Molecular Weight	150 kDa
Format	0.2 μM filtered liquid. Purified from tissue culture supernatant in an animal free facility
Concentration	Lot specific
Size	5 mg

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Buffer	PBS, pH 7.0. Contains no stabilizers or preservatives. [low endotoxin azide-free] Endotoxin level: <2EU/mg (<0.002EU/μg). Determined by LAL gel clotting assay Related dilution buffer: CABT-LB04
Preservative	None
Storage	The antibody solution should be stored undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	The 2G3 antibody was raised against soluble rat neonatal Fc receptor (FcRn) in an adjuvant. FcRn is a heterodimer composed of a membrane bound heavy chain attached non-covalently to β2-microgloublin. It is structurally similar to MHC class I molecules. The 2G3 antibody is used in studies of the MHC class I heavy chain FcRn heterodimers and their interaction with IgG.
Keywords	FcRn Heavy Chain Heterodimers;FcRn;Neonatal Fc receptor

GENE INFORMATION

Official Symbol	Neonatal Fc receptor
Synonyms	FcRn Heavy Chain Heterodimers; FcRn; Neonatal Fc receptor
References	Raghavan, M., et al. (1994). "Investigation of the interaction between the class I MHC-related Fc receptor and its immunoglobulin G ligand." Immunity 1(4): 303-315. PubMed;

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