



Rabbit Anti-Rat CD93 monoclonal antibody, clone S269 (CABT-ZB718)

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

PRODUCT INFORMATION

Specificity	It reacts with Rat CD93
Target	CD93
Immunogen	Recombinant Rat CD93/C1qR Protein
Isotype	IgG1
Source/Host	Rabbit
Species Reactivity	Rat
Clone	S269
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) This antibody will detect CD93 in antibody pair set. [ABPR-ZB298]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Rat CD93/C1qR.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 1 mL
Buffer	PBS

Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	CD93 or C1q receptor 1 (C1qR) is an about 120 kDa O-sialoglycoprotein that within the hematopoietic system is selectively expressed on cells of the myeloid lineage. CD93/C1qR is a highly glycosylated transmembrane protein expressed on monocytes, neutrophils, endothelial cells, and stem cells. CD93 was originally identified as a myeloid cell-surface marker and subsequently associated with an ability to modulate phagocytosis of suboptimally opsonized immunoglobulin G and complement particles in vitro. CD93/C1qR, a receptor expressed during early B-cell development, is reinduced during plasma-cell differentiation. High CD93/CD138 expression was restricted to antibody-secreting cells both in T-dependent and T-independent responses as naive, memory, and germinal-center B cells remained CD93-negative. CD93 was expressed on (pre)plasmablasts/plasma cells, including long-lived plasma cells that showed decreased cell cycle activity, high levels of isotype-switched Ig secretion, and modification of the transcriptional network. CD93 is important for the maintenance of plasma cells in bone marrow niches.
---------------------	---

Keywords	CD93; CD93 molecule; C1QR1; C1qRP
-----------------	-----------------------------------

GENE INFORMATION

Synonyms	CD93; CD93 molecule; C1QR1; C1qRP; CDw93; ECSM3; MXRA4; C1qR(P); dJ737E23.1; complement component C1q receptor
-----------------	--

Entrez Gene ID	84398
-----------------------	-----------------------

UniProt ID	Q9ET61
-------------------	------------------------