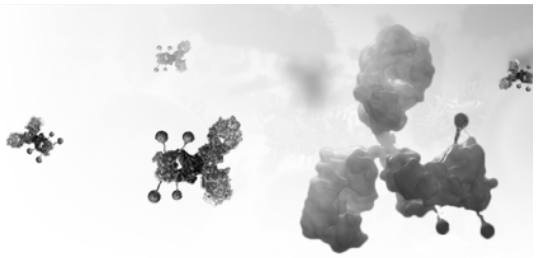

Rabbit Anti-Human CD48 monoclonal antibody, clone S118 (CABT-ZB868)

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

PRODUCT INFORMATION

Specificity	It reacts with Human CD48 It has no cross-reactivity in ELISA with Mouse CD48Human TNFRSF4.
Target	CD48
Immunogen	Recombinant Human CD48/SLAMF2 Protein
Isotype	IgG1
Source/Host	Rabbit
Species Reactivity	Human
Clone	S118
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, ELISA(det) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB494 - CABT-ZB868 This antibody will detect CD48 in antibody pair set. [ABPR-ZB069]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human CD48 / SLAMF2.
Format	Purified, Liquid
Concentration	Lot specific

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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	Cluster of Differentiation 48 (CD48), also known as SLAMF2, BCM-1 and BLAST-1, is a GPI-linked protein belonging to the CD2 subfamily of immunoglobulin superfamily molecules. CD2 and 2B4 (CD244) are known ligands for CD48. CD48 protein is expressed on most lineage-committed hematopoietic cells but not on hematopoietic stem cells or multipotent hematopoietic progenitors. CD48 protein performs biological functions in a variety processes including adhesion, pathogen recognition, cellular activation, and cytokine regulation, and emerges as a critical effector molecule in immune responses.
Keywords	CD48; CD48 antigen; BCM1; BLAST

GENE INFORMATION

Synonyms	CD48; CD48 antigen; BCM1; BLAST; Bcm-1; BLAST1; SLAMF2; Sgp-60; BLAST-1; MEM-102; AI449234; AW610730; HM48-1; BCM1 surface antigen; SLAM family member 2; MRC OX-45 surface antigen; signaling lymphocytic activation molecule 2
Entrez Gene ID	962
UniProt ID	P09326

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