



Mouse Anti-Human CD48 monoclonal antibody, clone NN13 (CABT-ZB494)

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

PRODUCT INFORMATION

Specificity	It reacts with Human CD48
Target	CD48
Immunogen	Recombinant Human CD48 protein
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	NN13
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) 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 produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human CD48. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Format	Purified, Liquid
Concentration	Lot specific

Size	100 µL, 200 µL
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 of 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](#)