



Rabbit Anti-Human CD84 monoclonal antibody, clone S115 (CABT-ZB697)

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

PRODUCT INFORMATION

Specificity	It reacts with Human CD84
Target	CD84
Immunogen	Recombinant Human CD84 Protein
Isotype	IgG1
Source/Host	Rabbit
Species Reactivity	Human
Clone	S115
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, ELISA(cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB697 - CABT-ZB1025 This antibody will detect CD84 in antibody pair set. [ABPR-ZB276]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human CD84.
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 The CD2 family receptors are type I transmembrane glycoproteins belonging to immunoglobulin (Ig) superfamily characterized by a membrane-proximal Ig constant 2 (C2) domain and a membrane-distal variable (V) domain that is responsible for ligand recognition. CD84, also known as LY9B and SLAMF5, is a homophilic member of the SLAM (signaling lymphocyte activation molecule) subfamily of the CD2 family. The SLAM family receptors mediate signal transduction through the interaction of its ITSM (immunoreceptor tyrosine-based switch motifs) in the intracellular region and the SH2 domain of adaptor molecules SAP (SLAM-associated protein) and EAT-2 (EWS-activated transcript 2), and accordingly modulate both adaptive and innate immune responses. The CD84-CD84 interaction was independent of its cytoplasmic tail. Thus, CD84 is its own ligand and acts as a costimulatory molecule. CD84 is expressed on cells from almost all hematopoietic lineages and on CD34+ hematopoietic progenitor cells, suggesting that CD84 serves as a marker for committed hematopoietic progenitor cells.

Keywords CD84; CD84 molecule; LY9B; hCD84

GENE INFORMATION

Synonyms CD84; CD84 molecule; LY9B; hCD84; mCD84; SLAMF5; SLAM family member 5; hly9-beta; leukocyte antigen CD84; cell surface antigen MAX.3; CD84 antigen (leukocyte antigen); leucocyte differentiation antigen CD84; leukocyte differentiation antigen CD84; signaling lymphocytic activation molecule 5

Entrez Gene ID [8832](#)

UniProt ID [Q9UIB8](#)