Rabbit anti-Human CD84 Polyclonal Antibody | anti-CD84 antibody

Anti-CD84 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA258742	**Rabbit**	**Human**	**Immunohistochemistry, ELISA, Immunoprecipitation, Western Blot**

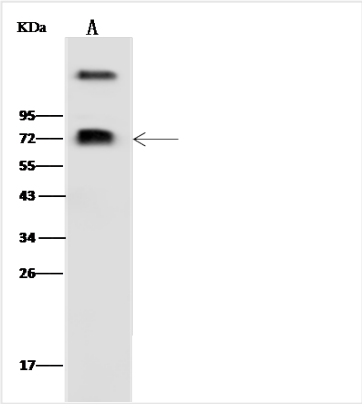
PRODUCT SYNONYMS

CD84; Polyclonal Antibody; Anti-CD84 Antibody; Rabbit Polyclonal; CD84 molecule; Anti-hCD84 Antibody; Anti-LY9B Antibody; Anti-mCD84 Antibody; Anti-SLAMF5 Antibody; anti-CD84 antibody

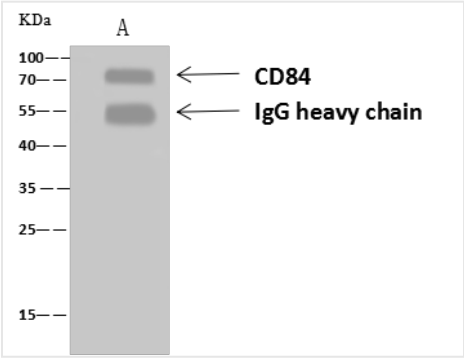
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CD84
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CD84 antibody	IHC (Immunohistochemistry), ELISA, IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Recombinant Human CD84 Protein
Preparation	Produced in rabbits immunized with purified, recombinant Human CD84 (rh CD84). CD84 specific IgG was purified by Human CD84 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

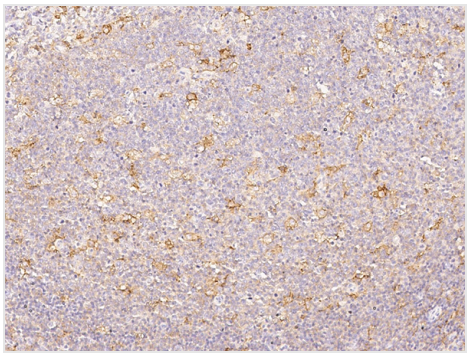
IMAGES



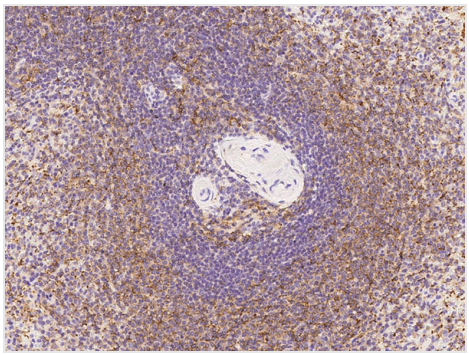
WB (Western Blot)
Anti-CD84 rabbit polyclonal antibody at 1:500 dilutionLane A: Raji Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique.Performed under reducing conditions.Predicted band size:39 kDaObserved band size:72 kDa



IP (Immunoprecipitation)
CD84 was immunoprecipitated using:Lane A:0.5 mg Raji Whole Cell Lysate4 uL anti-CD84 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G.Primary antibody:Anti-CD84 rabbit polyclonal antibody,at 1:100 dilutionSecondary antibody:Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilutionDeveloped using the ECL technique.Performed under reducing conditions.Predicted band size: 39 kDaObserved band size :75 kDa



IHC (Immunohiostchemistry)
Immunochemical staining of human CD84 in human tonsil with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
Immunochemical staining of human CD84 in human spleen with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-CD84 antibody	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 receptorsmediate 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.
References	Martin M, et al. (2001) CD84 functions as a homophilic adhesion molecule and enhances IFN-gamma secretion: adhesion is mediated by Ig-like domain 1. J Immunol. 167(7): 3668-76. Tangye SG, et al. (2002) CD84 is up-regulated on a major population of human memory B cells and recruits the SH2 domain containing proteins SAP and EAT-2. Eur J Immunol. 32(6): 1640-9. Zaiss M, et al. (2003) CD84 expression on human hematopoietic progenitor cells. Exp Hematol. 31(9): 798-805. Tangye SG, et al. (2003) Functional requirements for interactions between CD84 and Src homology 2 domain-containing proteins and their contribution to human T cell activation. J Immunol. 171(5): 2485-95. Yan Q, et al. (2007) Structure of CD84 provides insight into SLAM family function. Proc Natl Acad Sci U S A. 104(25): 10583-8.

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Online datasheet: https://www.aaabiotech.com/polyclonal/cd84-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/258742