

Rabbit anti-Human CD83 Polyclonal Antibody | anti-CD83 antibody

CD83 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321894	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

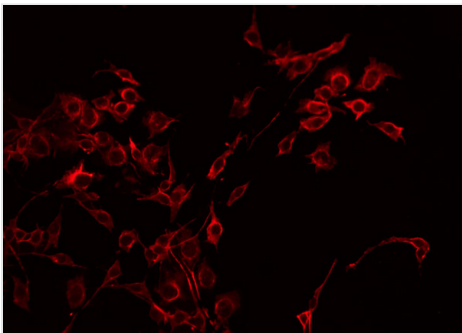
PRODUCT SYNONYMS

CD83; Polyclonal Antibody; CD83 Antibody; B cell activation 45kDa cell surface glycoprotein Ig superfamily; B cell activation protein; B-cell activation protein; BL11; BL11 PEN; CD83 antigen (activated B lymphocytes; immunoglobulin superfamily); CD83 antigen; CD83 molecule; CD83_HUMAN; Cell surface glycoprotein; Cell surface protein HB15; HB15; hCD83; anti-CD83 antibody

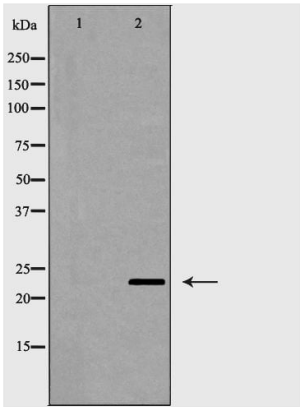
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CD83 antibody detects endogenous levels of total CD83
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	204
Applicable Applications for anti-CD83 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CD83
Subcellular Location	Membrane.
Tissue Specificity	Expressed by activated lymphocytes, Langerhans cells and interdigitating reticulum cells.
Predicted Cross Reactivity	Pig
Similarity	Pig (88%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA321894 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of CD83 expression in HeLa cells, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CD83 antibody	Description: May play a significant role in antigen presentation or the cellular interactions that follow lymphocyte activation. Subunit Structure: Monomer.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	94421024
NCBI GeneID	9308
NCBI Accession #	NP_001035370.1
NCBI GenBank Nucleotide #	NM_001040280.1
UniProt Accession #	Q01151; Q5THX9
Molecular Weight	Observed: 23 kDa Predicted: 24 kDa
NCBI Official Full Name	CD83 antigen isoform b
NCBI Official Synonym Full Names	CD83 molecule
NCBI Official Symbol	CD83
NCBI Official Synonym Symbols	BL11; HB15
NCBI Protein Information	CD83 antigen
UniProt Protein Name	CD83 antigen
UniProt Gene Name	CD83
UniProt Synonym Gene Names	hCD83

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.