

## Anti-CD83 Antibody

Catalog #	Source	Reactivity	Applications
CPA6468	Rabbit	H, M, R	WB, IH
<b>Description</b>	Rabbit polyclonal antibody to CD83		
<b>Immunogen</b>	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD83. The exact sequence is proprietary.		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of CD83 protein.		
<b>Clonality</b>	Polyclonal		
<b>Conjugation</b>			
<b>Form</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
<b>Dilution</b>	WB (1/500 - 1/1000), IH (1/50 - 1/200)		
<b>Gene Symbol</b>	CD83		
<b>Alternative Names</b>	CD83 antigen; hCD83; B-cell activation protein; Cell surface protein HB15; CD83		
<b>Entrez Gene</b>	9308 (Human); 12522 (Mouse)		
<b>SwissProt</b>	Q01151 (Human); O88324 (Mouse)		
<b>Storage/Stability</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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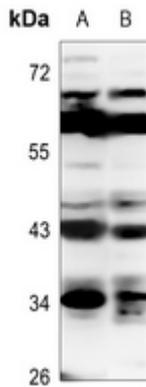
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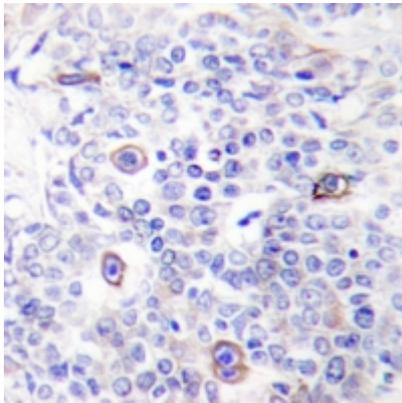
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## Product Data Sheet



Western blot analysis of CD83 expression in rat thymus (A), mouse lung (B), HuT78 (C) whole cell lysates. (Predicted band size: 23 kD; Observed band size: 43 kD)



Immunohistochemical analysis of CD83 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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