

Product Data Sheet

Anti-CD100 Antibody

Catalog #	Source	Reactivity	Applications
CPA7308	Rabbit	H	WB
Description	Rabbit polyclonal antibody to CD100		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CD100. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of CD100 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000)		
Gene Symbol	SEMA4D		
Alternative Names	C9orf164; CD100; SEMAJ; Semaphorin-4D; A8; BB18; GR3; CD100		
Entrez Gene	10507 (Human)		
SwissProt	Q92854 (Human)		
Storage/Stability	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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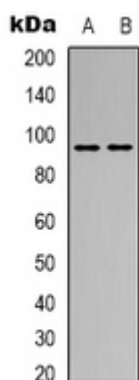
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Western blot analysis of CD100 expression in MCF7 (A), L929 (B) whole cell lysates. (Predicted band size: 96 kD; Observed band size: 150 kD)

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