

Product Data Sheet

Anti-CD82 Antibody

Catalog #	Source	Reactivity	Applications
CQA4012	Rabbit	H, M, R	WB, IH, IF/IC
Description	Rabbit polyclonal antibody to CD82		
Immunogen	Recombinant fusion protein of human CD82. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of CD82 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 - 1/2000), IH (1/50 - 1/200), IF/IC (1/50 - 1/200)		
Gene Symbol	CD82		
Alternative Names	KAI1; SAR2; ST6; TSPAN27; CD82 antigen; C33 antigen; IA4; Inducible membrane protein R2; Metastasis suppressor Kangai-1; Suppressor of tumorigenicity 6 protein; Tetraspanin-27; Tspan-27; CD82		
Entrez Gene	3732 (Human); 12521 (Mouse)		
SwissProt	P27701 (Human); P40237 (Mouse); O70352 (Rat)		
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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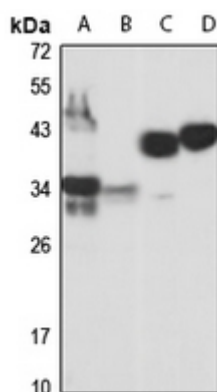
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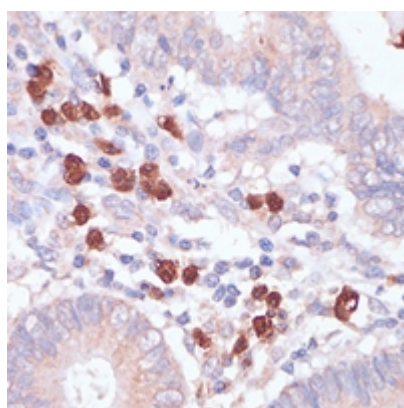
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Western blot analysis of CD82 expression in HT29 (A), RAW264.7 (B), mouse kidney (C), rat kidney (D) whole cell lysates. (Predicted band size: 26; 29 kD; Observed band size: 45 kD)



Immunohistochemical analysis of CD82 staining in human colon 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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