For research purposes only, not for human use

Product Data Sheet

Anti-CD97 alpha Antibody

Catalog #	Source	Reactivity	Applications
CPA5692	Rabbit	H, R	WB, IH

Description	Rabbit polyclonal antibody to CD97 alpha
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD97 alpha. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of CD97 alpha 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), IH (1/50 - 1/100)
Gene Symbol	CD97
Alternative Names	CD97 antigen; Leukocyte antigen CD97; CD97
Entrez Gene	976 (Human)
SwissProt	P48960 (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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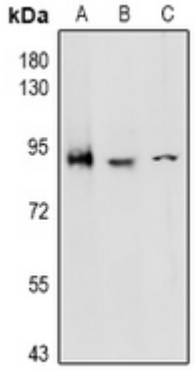
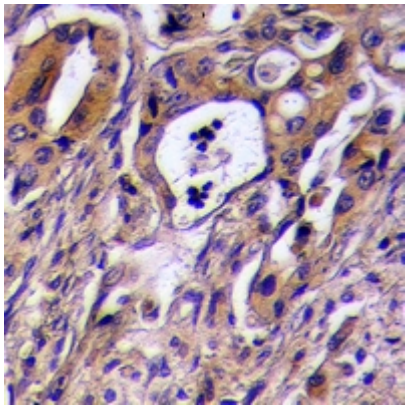


Western blot analysis of CD97 alpha expression in Jurkat (A), HCT116 (B), H9C2 (C) whole cell lysates. (Predicted band size: 91 kD; Observed band size: 92 kD)



Immunohistochemical analysis of CD97 alpha staining in human colorectal 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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