

Product Data Sheet

Anti-Cytochrome c Antibody

Catalog #	Source	Reactivity	Applications
CPA9145	Mouse	H, M, R	WB, IH
Description	Mouse monoclonal antibody to Cytochrome c		
Immunogen	Recombinant protein corresponding to human Cytochrome c.		
Purification			
Specificity	Recognizes endogenous levels of Cytochrome c protein.		
Clonality	Monoclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/1000 - 1/3000), IH (1/200 - 1/500)		
Gene Symbol	CYCS		
Alternative Names	CYC; Cytochrome c		
Entrez Gene	54205 (Human)		
SwissProt	P99999 (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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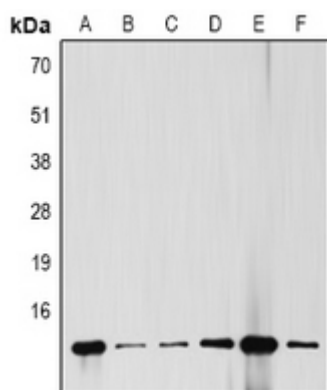
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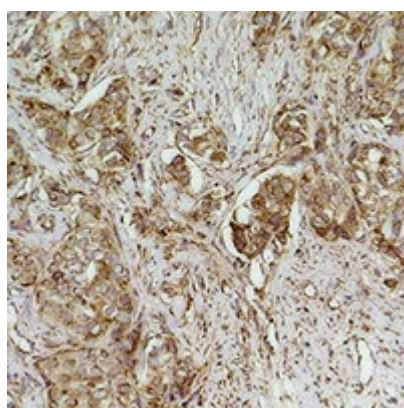
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Western blot analysis of Cytochrome c expression in Hela (A), 293T (B), NIH3T3 (C), mouse liver (D), rat liver (E), rat kidney (F) whole cell lysates. (Predicted band size: 11 kD; Observed band size: 14 kD)



Immunohistochemical analysis of Cytochrome c staining in human breast 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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