

## **Product Data Sheet**

## Anti-IL-5 Antibody

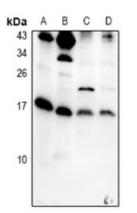
Catalog #	Source	e Reactivity	Applications
CPA1594	Rabbit	H, M, R	WB, IH
Description		Rabbit polyclonal antibody t	o IL-5
Immunogen		KLH-conjugated synthetic pe	ptide encompassing a sequence within the center
		region of human IL-5. The ex	act sequence is proprietary.
Purification		The antibody was purified by	r immunogen affinity chromatography.
Specificity		Recognizes endogenous leve	ls of IL-5 protein.
Clonality		Polyclonal	
Conjugation			
Form		Liquid in 0.42% Potassium pl	nosphate, 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		IL5	
Alternative Na	ames	Interleukin-5; IL-5; B-cell diff	erentiation factor I; Eosinophil differentiation factor;
		T-cell replacing factor; TRF	
Entrez Gene		3567 (Human); 16191 (Mous	e)
SwissProt		P05113 (Human); P04401 (M	louse); Q08125 (Rat)
Storage/Stabi	lity	Shipped at 4°C. Upon deliver	y 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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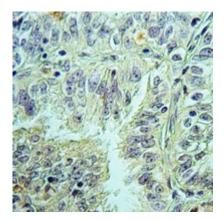
# Coherion



For research purposes only, not for human use

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Western blot analysis of IL-5 expression in mouse testis (A), rat testis (B), HCT116 (C), HepG2 (D) whole cell lysates. (Predicted band size: 15 kD; Observed band size: 16 kD)



Immunohistochemical analysis of IL-5 staining in human liver 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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