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anti-IL-11 antibody (AA 22-120) (Biotin)



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Quantity:	100 μL
Target:	IL-11 (IL11)
Binding Specificity:	AA 22-120
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-11 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IL-11
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Pig,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	IL-11 (IL11)
Alternative Name:	IL-11 (IL11 Products)

Target Details

Background:	Synonyms: Interleukin-11, Adipogenesis inhibitory factor, AG, IL 11, IL11, Interleukin 11,	
	Oprelvekin, IL11_HUMAN.	
	Background: Interleukin 11 is a pleiotropic cytokine produced by mesenchymal-derived	
	adherent cells. IL11 shares many functions of IL6 and LIF, including potentiation of	
	megakaryocyte activity, enhancement of human myeloma cell proliferation, and enhancement	
	of hepatic acute phase protein production. Interleukin 11 directly stimulates the proliferation of	
	hematopoietic stem cells and megakaryocyte progenitor cells, and induces megakaryocyte	
	maturation resulting in increased platelet production. Clinically it is used to prevent severe	
	thrombocytopenia and the reduction of the need for platelet transfusion following	
	myelosuppressive chemotherapy.	
Gene ID:	3589	
UniProt:	P20809	
Pathways:	JAK-STAT Signaling, Negative Regulation of Hormone Secretion	
Application Details		
Application Notes:	WB 1:300-5000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and	
	50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be	
	handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C for 12 months.	
Expiry Date:	12 months	