antibodies - online.com







anti-IL-10 antibody (AA 19-178)



Images



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Quantity:	100 μL		
Target:	IL-10 (IL10)		
Binding Specificity:	AA 19-178		
Reactivity:	Human		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This IL-10 antibody is un-conjugated		
Application:	Western Blotting (WB), Immunohistochemistry (IHC)		
Product Details			
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 19-178 of human IL10 (NP_000563.1).		
Sequence:	SPGQGTQSEN SCTHFPGNLP NMLRDLRDAF SRVKTFFQMK DQLDNLLLKE SLLEDFKGYL GCQALSEMIQ FYLEEVMPQA ENQDPDIKAH VNSLGENLKT LRLRLRRCHR FLPCENKSKA VEQVKNAFNK LQEKGIYKAM SEFDIFINYI EAYMTMKIRN		
Isotype:	IgG		
Cross-Reactivity:	Human, Mouse, Rat		
Characteristics:	Polyclonal Antibodies		
Target Details			
Target:	IL-10 (IL10)		

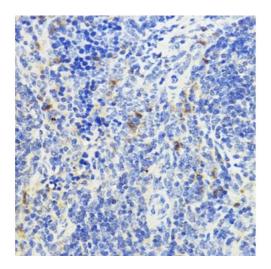
Target Details

Alternative Name:	IL10 (IL10 Products)				
Background:	The protein encoded by this gene is a cytokine produced primarily by monocytes and to a lesse				
	extent by lymphocytes. This cytokine has pleiotropic effects in immunoregulation and				
	inflammation. It down-regulates the expression of Th1 cytokines, MHC class II Ags, and				
	costimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and				
	antibody production. This cytokine can block NF-kappa B activity, and is involved in the				
	regulation of the JAK-STAT signaling pathway. Knockout studies in mice suggested the				
	function of this cytokine as an essential immunoregulator in the intestinal tract. Mutations in				
	this gene are associated with an increased susceptibility to HIV-1 infection and rheumatoid				
	arthritis.,CSIF,GVHDS,IL-10,IL10A,TGIF,IL10,Cancer,Tumor immunology,Cell Biology &				
	Developmental Biology, Apoptosis, Growth factor, Immunology &				
	Inflammation,Cytokines,Interleukins,Cell Intrinsic Innate Immunity Signaling Pathway,IL10				
Molecular Weight:	20 kDa				
Gene ID:	3586				
UniProt:	P22301				
Pathways:	Cellular Response to Molecule of Bacterial Origin, Regulation of Leukocyte Mediated Immunity,				
	Production of Molecular Mediator of Immune Response, Maintenance of Protein Location,				
	Cancer Immune Checkpoints				
Application Details					
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:100				
Restrictions:	For Research Use only				
Handling					
Format:	Liquid				
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.				
Preservative:	Sodium azide				
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which				
	should be handled by trained staff only.				
Handling Advice:	Avoid freeze / thaw cycles				
Storage:	-20 °C				

Storage Comment:

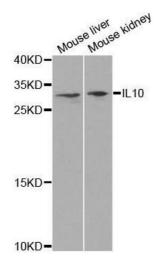
Store at -20°C. Avoid freeze / thaw cycles.

Images



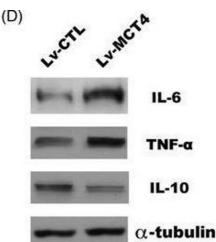
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse spleen using IL10 antibody (ABIN3023111, ABIN3023112, ABIN3023113 and ABIN6219394) at dilution of 1:200 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using IL10 antibody.



Western Blotting

Image 3. MCT4 modulates various inflammatory cytokines expression. (A) Real-time PCR and (B) ELISA assay were performed to detect a serial of genes expression in CaCO2 cells. (C) Relative cytokines in serum levels assayed in mice treated as indicated. (D-E) Western blotting was performed to detect relative cytokines expression in indicated group figure provided by CiteAb. Source: PMID31418947

Please check the product details page for more images. Overall 5 images are available for ABIN3023112.