

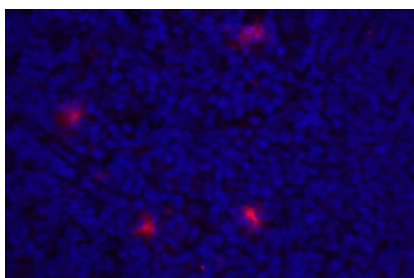
**CERTIFICATE OF ANALYSIS – TECHNICAL DATA SHEET**

<b>Product name</b>	IL-10, Human, pAb	<b>Expiry date</b>	-
<b>Catalog number</b>	HP9016		
<b>Lot number</b>	-	<b>Amount</b>	100 µg
<b>Volume</b>	1 ml	<b>Concentration</b>	100 µg/ml
<b>Formulation</b>	0.2 µm filtered in PBS+0.1%BSA	<b>Conjugate</b>	None
<b>Host species</b>	Rabbit Ig	<b>Purification</b>	Affinity
<b>Endotoxin</b>	<24 EU/mg		
<b>Storage</b>	4°C		

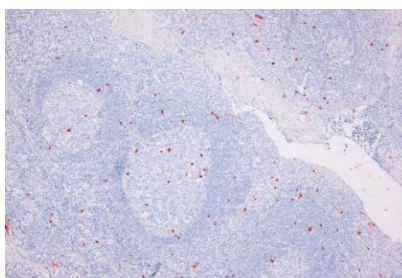
**Application notes**

	IHC-F	IHC-P	IF	FC	FS	IA	IP	W
Reference #		1						
Yes	•	•	•		•	•		•
No								
N.D.				•			•	

N.D.= Not Determined; IHC = Immuno histochemistry; F = Frozen sections; P = Paraffin sections; IF = Immuno Fluorescence; FC = Flow Cytometry; FS = Functional Studies; IA = Immuno Assays; IP = Immuno Precipitation; W = Western blot



IF: Immuno fluorescence in human tonsil tissue.



IHC-P: Immuno histochemistry paraffin embedded sections in human tonsil tissue.

Dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:10.

- IHC-P: Tissue sections were deparaffined with xylol and alcohol and endogenous peroxidase activity blocked for 30 minutes. Sodium citrate (pH 6.0) was used as antigen retrieval.
- FS: The antibody inhibits the biological activity of natural and recombinant human IL-10.

**General Information**

<b>Description</b>	The antibody reacts with human Interleukin-10 (IL-10) of both natural and recombinant origin. IL-10 is a pluripotent cytokine with important immunosuppressive actions: it can inhibit cytokines involved in the Th1 response such as IL-2, Interferon gamma and also inhibits the production of pro-inflammatory cytokines such as IL-1, IL-6, IL-8 and TNF-alpha. The antibody inhibits the biological activity of natural and recombinant human IL-10. The antigen specificity was further assessed by ELISA. No cross reactivities with other cytokines have been detected.
<b>Aliases</b>	CSIF, TGIF, GVHDS, IL10A
<b>References</b>	1. Quispel, W et al; Activated Conventional T-Cells Are Present in Langerhans Cell Histiocytosis Lesions Despite the Presence of Immune Suppressive Cytokines. J Int Cyt Res 2015, 35:835
<b>Storage&amp;stability</b>	Product should be stored at 4°C. Under recommended storage conditions, product is stable for at least one year.

**Precautions**

For research use only. Not for use in or on humans or animals or for diagnostics. It is the responsibility of the user to comply with all local/state and federal rules in the use of this product. Hycult Biotech is not responsible for any patent infringements that might result from the use or derivation of this product.

---

We hereby certify that the above-stated information is correct and that this product has been successfully tested by the Quality Control Department. This product was released for sale according to the existing specifications. This document has been produced electronically and is valid without a signature.

Approved by Manager of QC  
Robbert Zwinkels

Date  
08/05/2018

Do you have any questions or comments regarding this product? Please contact us via [support@hycultbiotech.com](mailto:support@hycultbiotech.com).