

44-1023: Anti-CTLA-4 Monoclonal Antibody (Clone:IHC004)(Discontinued)

Clonality :	Monoclonal
Clone Name :	IHC004
Application :	IHC
Reactivity :	Human
Gene :	CTLA4
Gene ID :	1493
Uniprot ID :	P16410
Format :	Purified
Alternative Name :	CTLA4,CD152
Immunogen Information :	Recombinant Human CTLA-4

Description

Cytotoxic T-lymphocyte-associated protein 4 (CTLA-4) is a receptor on T Helper cells that functions as an immune checkpoint and downregulator of immune responses. Mutations in CTLA-4 are associated with insulin-dependent diabetes mellitus, Hashimoto's thyroiditis, Graves' disease, systemic lupus erythematosus (SLE), celiac disease, primary biliary cirrhosis, thyroid-associated orbitopathy, multiple sclerosis, and other autoimmune diseases. The spliced variant of CTLA-4 in SLE is present in the patient's serum. Haploinsufficiency of CTLA-4 causes the immune system disorder known as CTLA-4 deficiency or CHAI disease (CTLA4 haploinsufficiency with autoimmune infiltration).

Product Info

Amount :	7 ml
Purification :	Protein A/G Chromatography
Content :	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Storage condition :	Store at 2°C - 8°C. Do not freeze.

Application Note

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

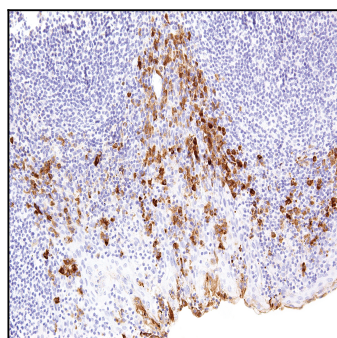


Figure 1: Immunohistochemical analysis of CTLA-4 (Clone: IHC004) on Tonsil