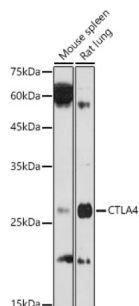
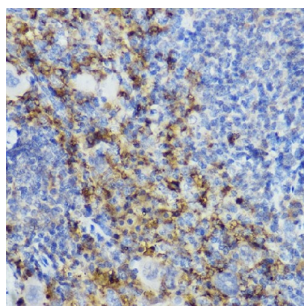


Cytotoxic T-Lymphocyte Associated Antigen 4 (CTLA4) Antibody

Catalogue No.: abx001680



Western blot analysis of extracts of various cell lines using CD152/CTLA-4 Antibody (1/1000 dilution).



Immunohistochemistry of paraffin-embedded mouse spleen using CD152/CTLA-4 Antibody (1/200 dilution, 40x lens). High pressure antigen retrieval was performed in 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

CTLA4 Antibody is a Rabbit Polyclonal antibody against CTLA4. This gene is a member of the immunoglobulin superfamily and encodes a protein which transmits an inhibitory signal to T cells. The protein contains a V domain, a transmembrane domain, and a cytoplasmic tail. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. The membrane-bound isoform functions as a homodimer interconnected by a disulfide bond, while the soluble isoform functions as a monomer. Mutations in this gene have been associated with insulin-dependent diabetes mellitus, Graves disease, Hashimoto thyroiditis, celiac disease, systemic lupus erythematosus, thyroid-associated orbitopathy, and other autoimmune diseases. [provided by RefSeq, Jul 2008].

Target: Cytotoxic T-Lymphocyte Associated Antigen 4 (CTLA4)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB, IHC

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human CD152/CTLA-4

Datasheet

Version: 3.0.0
Revision date: 02 Sep 2025



Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P16410 (UniProt , ExPASy)
Gene Symbol:	CTLA4
GeneID:	1493
NCBI Accession:	NP_005205.2
KEGG:	hsa:1493
String:	9606.ENSP00000303939
Molecular Weight:	Calculated MW: 6 kDa/8 kDa/19 kDa/24 kDa Observed MW: 30 kDa
Buffer:	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.