Product Datasheet

CTLA4 Antibody

Catalog No: #36808

Package Size: #36808-1 50ul #36808-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

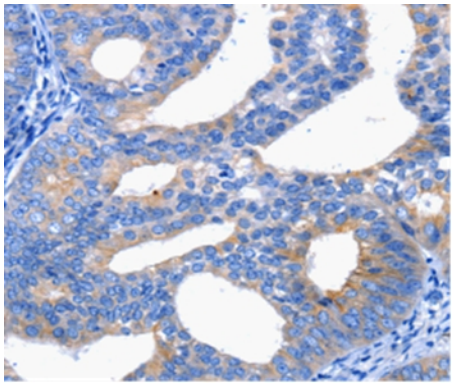
Description

Product Name	CTLA4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Human;Mouse
Specificity	The antibody detects endogenous levels of total CTLA4 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human Cytotoxic T-lymphocyte protein 4
Conjugates	Unconjugated
Target Name	CTLA4
Other Names	CD; GSE; GRD4; ICOS; CD152; CTLA-4; IDDM12; CELIAC3
Accession No.	Swiss-Prot#: P16410NCBI Gene ID: 1493Gene Accssion: NP_005205
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN3, 50% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:25-1:100

Images



Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using #36808 at dilution 1/25.

Background

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.

Published Papers

Yang Xiaochen;Tao Yukai;Xu Yan;Cai Weili;Shao Qixiang el at., SLC35A2 expression drives breast cancer progression via ERK pathway activation, , (2023)

PMID:

Note: This product is for in vitro research use only and is not intended for use in humans or animals.