

Recombinant

CTLA-4 (BP6187) Rabbit mAb

db30157

Package : 100μL

Product Name : CTLA-4 (BP6187) Rabbit mAb**Cat.No.:** db30157**Application :** IHC, WB**Reactivity :** Human**Host species :** Rabbit**Background**

Cytotoxic T lymphocyte-associated antigen-4 (CTLA-4) is a member of the CD28 superfamily and is a negative regulator of T cell-mediated immune responses. CTLA-4 expression is induced on the surface of T cells after CD28 binding and activation, and is constitutively expressed on T-regulatory cells, acting as an immune checkpoint inhibitor, downregulating T cell activity. CTLA-4 primarily inactivates T-cell activity by competing with the CD28 costimulatory molecule. CD28 and CTLA-4 share the identical ligands of CD80 and CD86 on antigenpresenting cells; and thus CTLA-4 competes with CD28 function in T-cell survival, proliferation, and recruitment.

Immunogen

Synthetic peptide within Human CTLA-4

Swiss Prot

P16410

Reactivity

Human

Application

IHC, WB

Recommended dilution

IHC: 1:100-1:200

Calculated MW

25 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

BP6187

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

- Immunohistochemistry of paraffin-embedded human tonsil using CTLA-4 antibody at dilution of 1:200 (200x lens).