bs-1179R

[Primary Antibody]

BIOSS ANTIBODIES

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CTLA4 Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 1493 **SWISS:** P16410

Target: CTLA4

Immunogen: KLH conjugated synthetic peptide derived from human CTLA-4:

141-223/223. < Cytoplasmic >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

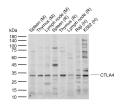
Background: This gene is a member of the immunoglobulin superfamily and

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 insulindependent diabetes mellitus. Graves disease Hashimoto

dependent diabetes mellitus, Graves disease, Hashimoto thyroiditis, celiac disease, systemic lupus erythematosus, thyroidassociated orbitopathy, and other autoimmune diseases.

[provided by RefSeq, Jul 2008]

VALIDATION IMAGES



Sample: Lane 1: Mouse Spleen tissue lysates Lane 2: Mouse Thymus tissue lysates Lane 3: Mouse Lymph node tissue lysates Lane 4: Rat Spleen tissue lysates Lane 5: Rat Thymus tissue lysates Lane 6: Rat Lymph node tissue lysates Lane 7: Human Raji cell lysates Lane 8: Human K562 cell lysates Primary: Anti-CTLA4 (bs-1179R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted hand size: 21 kDa Observed hand size: 33 kDa

- SELECTED CITATIONS -

- [IF=5.6] Meiying Song. et al. Pathogenic Th17 cell-mediated liver fibrosis contributes to resistance to PD-L1 antibody immunotherapy in hepatocellular carcinoma. INT IMMUNOPHARMACOL. 2024 Mar;129:111601 IHC; Mouse. 38350354
- [IF=4.225] Yu et al. Cytotoxic T lymphocyte antigen 4 expression in human breast cancer: implications for prognosis. (2015) Cancer.Immunol.Immunothe. 64:853-60 IHC; Human. 25893809
- [IF=3.532] Zengwei Chen. et al. Quantitative analysis of multiple breast cancer biomarkers using DNA-PAINT. ANAL

Applications: WB (1:500-2000)

Reactivity: Human, Mouse, Rat

Predicted MW.: 21 kDa

Subcellular Cell membrane

METHODS-UK. 2022 Aug;: IF ;Human. 36063064

- [IF=2.976] Peng Y et al. Sonodynamic therapy improves anti-tumor immune effect by increasing the infiltration of CD8+ T cells and altering tumor blood vessels in murine B16F10 melanoma xenograft. Oncol Rep. 2018 Oct;40(4):2163-2170. WB; Mouse. 30106435
- [IF=3] Sun Ting. et al. High PD-1 and CTLA-4 expression correlates with host immune suppression in patients and a mouse model infected with Echinococcus multilocularis. PARASITE VECTOR. 2024 Dec;17(1):1-12 IF; Human. 39456030