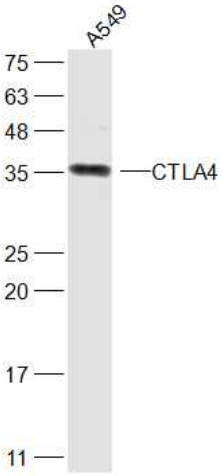
www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

CTLA4 Rabbit pAb

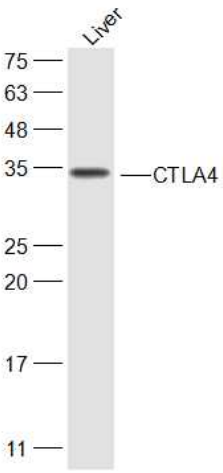
Catalog Number:	bs-10006R
Target Protein:	CTLA4
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000), Flow-Cyt (1µg/Test)
Reactivity:	Human, Mouse, Rat (predicted:Rabbit, Sheep, Cow, Dog)
Predicted MW:	21 kDa
Subcellular Locations:	Cell membrane
Entrez Gene:	1493
Swiss Prot:	P16410
Source:	KLH conjugated synthetic peptide derived from human CTLA-4/CD152: 75-170/223.
Purification:	affinity purified by Protein A
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 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]

VALIDATION IMAGES

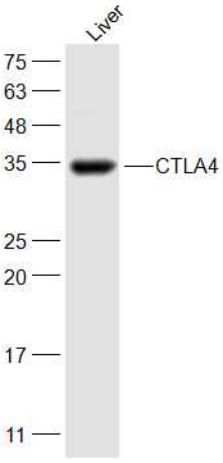
Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



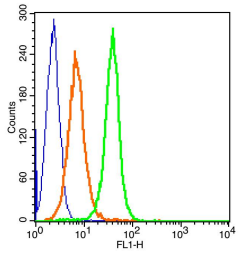
Sample: A549(Human) Cell Lysate at 30 ug Primary: Anti-CTLA4 (bs-10006R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 21 kD Observed band size: 35 kD



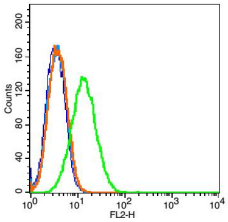
Sample: Liver(Mouse) Cell Lysate at 30 ug Primary: Anti-CTLA4 (bs-10006R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 21 kD Observed band size: 35 kD



Sample: Liver(Rat) Cell Lysate at 30 ug Primary: Anti-CTLA4 (bs-10006R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 21 kD Observed band size: 35 kD

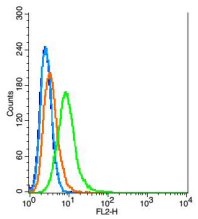


Blank control(blue): Molt-4 Cells(fixed with 2% paraformaldehyde (10 min)). Primary Antibody: Rabbit Anti-CTLA4/FITC Conjugated antibody (bs-10006R/FITC), Dilution: 1µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG/FITC orange) ,used under the same conditions.



Blank control: Raji(blue). Primary Antibody: Rabbit Anti-CTLA4 antibody(bs-10006R), Dilution: 5µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG (orange) ,used under the same conditions. Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Blank control: Hela(blue), the cells were fixed with 2% paraformaldehyde (10 min) Isotype Control Antibody: Rabbit IgG(orange) ; Secondary Antibody: Goat anti-rabbit IgG-PE (white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA ; Primary Antibody Dilution: 1μg in 100 μL1X PBS containing 0.5% BSA(green).

PRODUCT SPECIFIC PUBLICATIONS

[IF=7.644] Schlößer et al. Immune checkpoints programmed death 1 ligand 1 and cytotoxic T lymphocyte associated molecule 4 in gastric adenocarcinoma. (2016) Oncoimmunolog. 5:e1100789 IF ; Human . 27467911

[IF=5.811] Li Lanzhou. et al. Calf Thymus Polypeptide Restrains the Growth of Colorectal Tumor via Regulating the Intestinal Microbiota-Mediated Immune Function. FRONT PHARMACOL. 2022 May;0:1645 WB ; Mouse . 35662701

[IF=5.955] Weiqi Meng. et al. ZhenQi FuZheng formula inhibits the growth of colorectal tumors by modulating intestinal microflora-mediated immune function. AGING-US. 2022 Jun 15; 14(11): 4769–4785 WB ; Mouse . 35680568

[IF=4.12] Seike, Masahiro, et al. "Histamine suppresses regulatory T cells mediated by TGF‐β in murine chronic allergic contact dermatitis." Experimental Dermatology(2015). IHC ; ="Mouse" . 25651189

[IF=4.188] Jiang Minxiao. et al. Identification of a Hypoxia-Related Signature for Predicting Prognosis and the Immune Microenvironment in Bladder Cancer. Front Mol Biosci. 2021 May;8:380 IHC ; Human . 10.3389/fmolb.2021.613359

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.