

**bs-10006R****[ Primary Antibody ]****BioSS**  
**ANTIBODIES**

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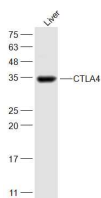
sales@bioss.com.cn

techsupport@bioss.com.cn

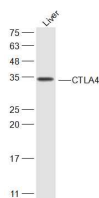
400-901-9800

**CTLA4 Rabbit pAb****— DATASHEET —**

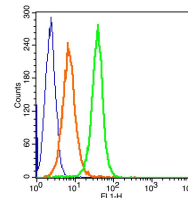
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000) <b>Flow-Cyt</b> (1µg/Test)  <b>Reactivity:</b> Human, Mouse, Rat (predicted: Rabbit, Sheep, Cow, Dog)  <b>Predicted  MW.:</b> 21 kDa  <b>Subcellular  Location:</b> Cell membrane
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 1493	<b>SWISS:</b> P16410	
<b>Target:</b> CTLA4		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human CTLA-4/CD152: 75-170/223. < Extracellular >		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> 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 —**

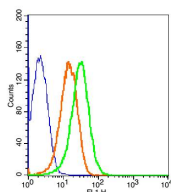
Sample: Liver(Rat) Cell Lysate at 30 ug Primary:  
Anti-CTLA4 (bs-10006R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at  
1/20000 dilution Predicted band size: 21 kD  
Observed band size: 35 kD



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



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(blue):Mouse Spleen Cells(fixed  
with 2% paraformaldehyde (10 min)). Primary  
Antibody: Rabbit Anti- Phospho-c-Fos  
(Thr325)/FITC Conjugated antibody (bs-10006R  
/FITC), Dilution: 1µg in 100 µL 1X PBS containing  
0.5% BSA; Isotype Control Antibody: Rabbit

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

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## — SELECTED CITATIONS —

- **[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 -  $\beta$  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