

Anti-CTLA4 Antibody (6Y210)

Product Details

Ig Type:	Mouse IgG2a
Reactivity:	Human, Mouse
Conjugation:	Unconjugated
Clone:	6Y210
Purification:	Affinity-chromatography

Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none">-Positive WB detected in: HepG2 whole cell lysate, K562 whole cell lysate, SY5Y whole cell lysate, U251 whole cell lysate, PC-3 whole cell lysate, 293 whole cell lysate, MCF7 whole cell lysate-All lanes: CTLA4 antibody at 1:500-Secondary: Goat polyclonal to mouse IgG at 1/50000 dilution-Predicted band size: 25 kDa-Observed band size: 25 kDa <p>2. Immunofluorescence staining of HEPG2 cell with TMAH-00312 at 1:30, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).</p> <p>3. Overlay Peak curve showing JK cells surface stained with TMAH-00312 (red line) at 1:50. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1μg/1*10⁶ cells) for 45min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/200 dilution for 35 min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1μg/1*10⁶ cells) used under the same conditions. Acquisition of >10,015 events was performed.</p>
Application:	ELISA, WB, IF, FCM
Recommended	WB:1:1000-1:5000; IF:1:20-1:200; FCM:1:20-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: Human CTLA4 Protein
Antigen Species: Human
Gene ID: 1493
Uniprot ID: P16410
Synonyms: GSE;CELIAC3;GRD4;CD152;ALPS5;CTLA4;IDDM12;ICOS
Biology Area: Immunology, Stem cells

Research Background

Inhibitory receptor acting as a major negative regulator of T-cell responses. The affinity of CTLA4 for its natural B7 family ligands, CD80 and CD86, is considerably stronger than the affinity of their cognate stimulatory coreceptor CD28.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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