

Anti-CTLA4 Antibody (7G99)

Product Details

Ig Type:	IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	7G99
Purification:	Protein G purified

Applications

1. Western Blot

- Positive WB detected in: CEM whole cell lysate, K562 whole cell lysate, Raji whole cell lysate
- All lanes: CTLA4 antibody at 1:1000
- Secondary: Goat polyclonal to mouse IgG at 1/50000 dilution
- Predicted band size: 25, 7, 9, 20 KDa
- Observed band size: 34 KDa
- Exposure time:5min

2. IHC image of TMAH-00310 diluted at 1:500 and staining in paraffin-embedded human tonsil tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at 37°C Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-Mouse IgG labeled by HRP and visualized using 0.05% DAB.

Verified Activity:

3. IHC image of TMAH-00310 diluted at 1:500 and staining in paraffin-embedded human lymph node tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at 37°C Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-Mouse IgG labeled by HRP and visualized using 0.05% DAB.

4. IHC image of TMAH-00310 diluted at 1:500 and staining in paraffin-embedded human breast cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at 37°C Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-Mouse IgG labeled by HRP and visualized using 0.05% DAB.

Application: ELISA, WB, IHC

Properties

Purity:	>95%
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 Cytotoxic T-lymphocyte Protein 4 Protein (37-162AA)
Antigen Species: Human
Gene ID: 1493
Uniprot ID: P16410
Synonyms: CELIAC3;ICOS;ALPS5;CTLA4;CD152;GRD4;IDDM12;GSE
Biology Area: Immunology

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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