Data Sheet (Cat.No.TMAB-00492)

Anti-CTLA4 Polyclonal Antibody 2

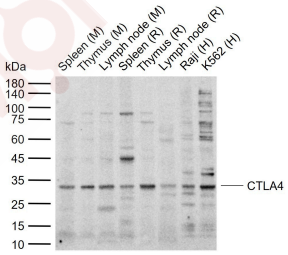
Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 21 kDa. Actual: 33 kDa.
Purification:	Protein A purified

Applications

Verified Activity:

Sample:
Lane 1: Mouse Spleen tissue lysates
Lane 2: Mouse Thymus tissue lysates
Lane 3: Mouse LympHnode tissue lysates
Lane 4: Rat Spleen tissue lysates
Lane 5: Rat Thymus tissue lysates
Lane 6: Rat LympHnode tissue lysates
Lane 7: Human Raji cell lysates
Lane 8: Human K562 cell lysates
Primary: Anti-CTLA4 (TMAB-00492) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 21 kDa
Observed band size: 33 kDa



Application:	WB
Recommended	WB=1:500-2000

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:	KLH conjugated synthetic peptide: human CTLA-4
Antigen Species:	Human
Gene ID:	1493
Uniprot ID:	P16410
Synonyms:	GRD4;CELIAC3;CD152;GSE;ICOS;IDDM12;ALPS5;CTLA4
Biology Area:	Regulatory T Cells,CD,Cytotoxic Cells,Autoimmune,SARS Coronavirus,T Lymphocytic Lineage

Research 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]

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481