

B7-2/CD86 Polyclonal Antibody

catalog number: AN007150L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

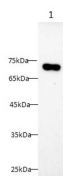
Description

Reactivity	Human
Immunogen	Recombinant Rat B7-2/CD86 protein expressed by Mammalian
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:200-1:400

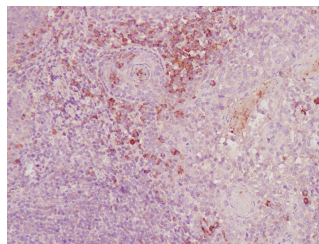
Data



Western blot with Anti B7-2/CD86 Polyclonal antibody at dilution of 1:1000. Lane 1: Romas cell lysate.

Observed-MW:75kDa

Calculated-MW:37KDa



Immunohistochemistry of paraffin-embedded Human tonsil using B7-2/CD86 Polyclonal Antibody at dilution of 1:850.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

B7-1 and B7-2, together with their receptors CD28 and CTLA-4, constitute one of the dominant costimulatory pathways that regulate T- and B-cell responses. Although both CTLA-4 and CD28 can bind to the same ligands, CTLA-4 binds to B7-1 and B7-2 with a 20-100 fold higher affinity than CD28 and is involved in the down-regulation of the immune response. B7-1 is expressed on activated B cells, activated T cells, and macrophages. B7-2 is constitutively expressed on interdigitating dendritic cells, Langerhans cells, peripheral blood dendritic cells, memory B cells, and germinal center B cells. Additionally, B7-2 is expressed at low levels on monocytes and can be up-regulated through interferon gamma. B7-1 and B7-2 are both members of the immunoglobulin superfamily.

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