

Basic Information

Product Name	Anti-B7-2/CD86 Antibody (Clone#BFF-3)	
Gene Name	CD86	
Source	Rabbit	
Clonality	Monoclonal	
Isotype	IgG	
Species Reactivity	human, mouse, rat	
Tested Application	WB, IHC, ICC/IF, IP, FCM	
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.	
Immunogen	A synthesized peptide derived from human CD86	
Concentration	500 ug/ml	
Purification	Affinity-chromatography	
Observed MW	60-80 kDa	
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC): 1:50-200 Immunocytochemistry/Immunofluorescence (ICC/IF): 1:50-200 ImmunoPrecipitation (IP): 1:20 Flow Cytometry (FCM): 1:20	

Storage

12 months from date of receipt, -20°C as supplied.

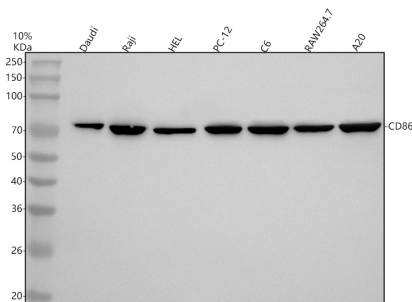
Background Information

CD86 is officially called Cluster of Differentiation 86, also known as B7-2. Being a member of the immunoglobulin superfamily, it is a protein expressed on antigen-presenting cells. The CD86 gene is mapped to human chromosome 3q21. The smallest transcript, 828 bp, which the authors termed CD86deltaTM, has a deletion from nucleotide 686 to nucleotide 829(i.e., exon 6) and encodes a 275-amino acid protein. CD86deltaTM enhances proliferation and cytokine production by both naive and memory T cells, providing costimulatory signals necessary for T cell activation and survival.

Reference

Anti-B7-2/CD86 Antibody (Clone#BFF-3)被引用在26文献中。

Selected Validation Data



Western blot analysis of anti-CD86 antibody (BM4121). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human Daudi whole cell lysates,

Lane 2: human Raji whole cell lysates,

Lane 3: human HEL whole cell lysates,

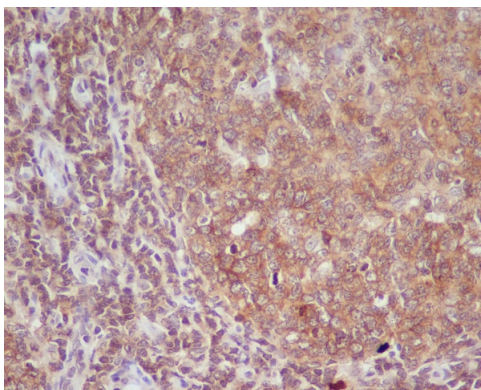
Lane 4: rat PC-12 whole cell lysates,

Lane 5: rat C6 whole cell lysates,

Lane 6: mouse RAW264.7 whole cell lysates,

Lane 7: mouse A20 whole cell lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-CD86 antigen affinity purified monoclonal antibody (BM4121) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for CD86 at approximately 72 kDa. The expected band size for CD86 is at 38 kDa.



Immunohistochemical analysis of paraffin-embedded human tonsil, using CD86 Antibody .

Product datasheet

Anti-B7-2/CD86 Antibody (Clone#BFF-3)

Catalog Number: BM4121

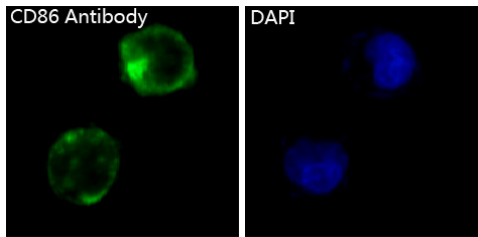


antibody and ELISA experts

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Immunofluorescent analysis of K562 cells, using CD86 Antibody .