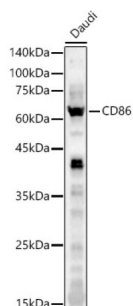
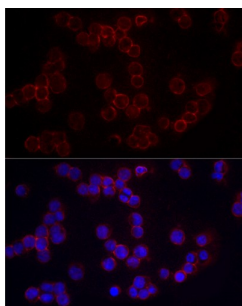


T-Lymphocyte Activation Antigen CD86 / B7-2 (CD86) Antibody

Catalogue No.: abx001112



Western blot analysis of various lysates using CD86 Antibody at 1/1000 dilution incubated overnight at 4 °C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Negative control (NC): Jurkat Exposure time: 90s.



Immunofluorescence analysis of Raji cells using CD86 Antibody at dilution of 1/200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.

CD86 Antibody is a Rabbit Polyclonal antibody against CD86. This gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. This protein is expressed by antigen-presenting cells, and it is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of this protein with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of this protein with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response. Alternative splicing results in several transcript variants encoding different isoforms.[provided by RefSeq, May 2011].

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|-------------------------------|---|
| Target: | T-Lymphocyte Activation Antigen CD86 / B7-2 (CD86) |
| Clonality: | Polyclonal |
| Reactivity: | Human |
| Tested Applications: | ELISA, WB, IF/ICC |
| Host: | Rabbit |
| Recommended dilutions: | ELISA: 1 µg/ml, WB: 1/1000 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user. |
| Conjugation: | Unconjugated |
| Immunogen: | Recombinant protein corresponding to CD86. The exact sequence is proprietary. |
| Isotype: | IgG |

Datasheet

Version: 4.0.0
Revision date: 17 Jul 2025



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|----------------------------|--|
| Form: | Liquid |
| Purification: | Purified by affinity chromatography. |
| Storage: | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | P42081 (UniProt , ExpASY) |
| Gene Symbol: | CD86 |
| GeneID: | 942 |
| NCBI Accession: | NP_787058.4 |
| KEGG: | hsa:942 |
| String: | 9606.ENSP00000332049 |
| Molecular Weight: | Calculated MW: 38 kDa Observed MW: 60 kDa |
| Buffer: | PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol. |
| Concentration: | > 0.2 mg/ml |
| Note: | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |

For Reference Only