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**Product Information**

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|---------------------|----------|----------------------|--------|--------------------|-----------------|
| <b>Product SKU:</b> | CAB16805 | <b>Gene ID:</b>      | 942    | <b>Size:</b>       | 20uL, 100uL     |
| <b>Clone No:</b>    | -        | <b>Host Species:</b> | Rabbit | <b>Reactivity:</b> | Human,Mouse,Rat |

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**Additional Information**

|                       |          |                   |     |
|-----------------------|----------|-------------------|-----|
| <b>Observed MW:</b>   | 65-70kDa | <b>Conjugate:</b> | -   |
| <b>Calculated MW:</b> | 38kDa    | <b>Isotype:</b>   | IgG |

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**Immunogen Information**

**Background:** 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.

**Recommended Dilution:** WB,1:100 - 1:500 IF/ICC,1:50 - 1:200 IP,0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

**Synonyms:** B70; B7-2; B7.2; LAB72; CD28LG2; CD86

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 25-133 of human CD86 (NP\_787058.4).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.