

---

**Product Information**

<b>Product SKU:</b>	CAB19026	<b>Gene ID:</b>	942	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC0333	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

---

**Additional Information**

<b>Observed MW:</b>	80kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	38kDa	<b>Isotype:</b>	IgG

---

**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,1:500 - 1:2000

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

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CD86 (P42081).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.