

## Anti-CD86 antibody (25-329) (STJ119185)

### GENERAL INFORMATION

|               |                    |
|---------------|--------------------|
| Product Type  | Primary antibodies |
| Applications  | WB/IF/ICC/IP/ELISA |
| Host / Source | Rabbit             |
| Reactivity    | Human/Mouse/Rat    |

### PRODUCT PROPERTIES

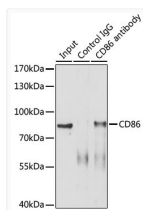
|                     |                                                                                                                                                                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                                                                                                                             |
| Concentration       | Lot specific                                                                                                                                                                                                                                           |
| Conjugation         | Unconjugated                                                                                                                                                                                                                                           |
| Purification        | Affinity purification                                                                                                                                                                                                                                  |
| Dilution Range      | WB:1:100-1:500<br>IF/CC:1:50-1:200<br>IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells<br>ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation         | PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.                                                                                                                                                                                                       |
| Isotype             | IgG                                                                                                                                                                                                                                                    |
| Molecular Weight    | Protein Mw: 38kDa<br>Observed Mw: 65-70kDa                                                                                                                                                                                                             |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                                                                                                         |

### TARGET INFORMATION

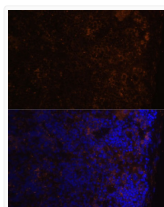
|                    |                                                                                                                     |
|--------------------|---------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">942</a>                                                                                                 |
| Gene Symbol        | <a href="#">CD86</a>                                                                                                |
| UniProt ID         | <a href="#">CD86_HUMAN</a>                                                                                          |
| Immunogen Region   | 25-329                                                                                                              |
| Immunogen Sequence | PLKIQAYFNETADLPCQFAN SQNQSLSELVFWQDQENLV LNEVYLGKEKFDSVHSKYMG<br>RTSFDSDSWTLRLHNLQIKD KGLYQCIIHHKKPTGMIRIH QMNSLSVL |
| Specificity        | Recombinant fusion protein containing a sequence corresponding to amino acids 25-133 of human CD86 (NP_787058.4).   |

### ADDITIONAL INFORMATION

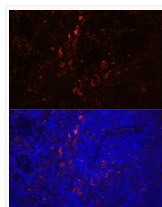
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



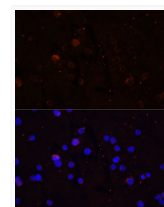
Immunoprecipitation analysis of 200 Mu g extracts of Jurkat cells using 3 Mu g CD86 antibody (STJ119185). Western blot was performed from the immunoprecipitate using CD86 antibody (STJ119185) at a dilution of 1:1000.



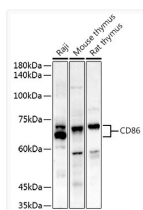
Immunofluorescence analysis of paraffin-embedded mouse spleen using CD86 Rabbit polyclonal antibody (STJ119185) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded rat spleen using CD86 Rabbit polyclonal antibody (STJ119185) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of THP-1 cells using CD86 Rabbit polyclonal antibody (STJ119185) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using CD86 Rabbit polyclonal antibody (STJ119185) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.