

## Mouse CD86 Monoclonal Antibody | anti-CD86 antibody

MOUSE ANTI BOVINE CD86:FITC

| CATALOG # | HOST  | REACTIVITY                                                                                 | APPLICATIONS                     |
|-----------|-------|--------------------------------------------------------------------------------------------|----------------------------------|
| AAA50202  | Mouse | Reacts with: SheepN.B. Antibody reactivity and working conditions may vary between species | Flow Cytometry, Functional Assay |

### PRODUCT SYNONYMS

CD86; Monoclonal Antibody; MOUSE ANTI BOVINE CD86:FITC; anti-CD86 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Reactivity                                     | Reacts with: Sheep<br>N.B. Antibody reactivity and working conditions may vary between species                                                                                                                                                                                                                                                                                                                                    |
| Clonality                                      | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Isotype                                        | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Clone Number                                   | IL-A190                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Specificity                                    | Clone IL-A190 recognises the bovine CD86 cell surface antigen, which is expressed by dendritic cells, activated macrophages and activated B cells. CD86 plays an important role in co-stimulation of T cells in the primary immune response.                                                                                                                                                                                      |
| Form/Format                                    | FITC<br>Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid                                                                                                                                                                                                                                                                                                                                            |
| Concentration                                  | IgG concentration 0.1 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                       |
| Sequence Length                                | 311                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Applicable Applications for anti-CD86 antibody | FCM/FACS (Flow Cytometry)                                                                                                                                                                                                                                                                                                                                                                                                         |
| Perservative Stabilisers                       | 0.09% Sodium Azide (NaN <sub>3</sub> )<br>1% Bovine Serum Albumin                                                                                                                                                                                                                                                                                                                                                                 |
| Preparation                                    | Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant                                                                                                                                                                                                                                                                                                                                     |
| Fusion Partners                                | Spleen cells from immunised BALB/c mice were fused with cells of the X63.Ag8.653 myeloma cell line                                                                                                                                                                                                                                                                                                                                |
| Buffer Solution                                | Phosphate buffered saline                                                                                                                                                                                                                                                                                                                                                                                                         |
| Target Species                                 | Bovine                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Preparation and Storage                        | Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.<br>Shelf Life: 18 months from date of despatch. |

### ADDITIONAL INFORMATION

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|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CD86 antibody | Clone IL-A190 recognises the bovine CD86 cell surface antigen, which is expressed by dendritic cells, activated macrophages and activated B cells. CD86 plays an important role in co-stimulation of T cells in the primary immune response. |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                         |              |
|-------------------------|--------------|
| NCBI GI #               | 122133961    |
| Molecular Weight        | 35,045 Da    |
| NCBI Official Full Name | CD86 antigen |
| UniProt Protein Name    | CD86 antigen |
| UniProt Gene Name       | CD86         |
| UniProt Entry Name      | Q1JPC5_BOVIN |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd86-antibody-clone-il-a190-flow-cytometry-elisa/50202>