

Product datasheet

anti-CD86 mouse monoclonal, EBS-CD-042, purified

Short overview

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| Cat. No. | 691607 |
| Quantity | 1 ml (100 µg/ml) |
| Concentration | 100 µg/ml |

Product description

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| Host | Mouse |
| Antibody Type | Monoclonal |
| Isotype | IgG1 kappa |
| Clone | EBS-CD-042 |
| Immunogen | ARH-77 cells (B-lymphoblastoid cell line) |
| Formulation | PBS with 0.02% sodium azide |
| UniprotID | P42081 (Human), P42082 (Mouse), O35531 (Rat) |
| Synonym | T-lymphocyte activation antigen CD86, Activation B7-2 antigen, B70, BU63, CTLA-4 counter-receptor B7.2, FUN-1, CD antigen CD86, CD86, CD28LG2 |
| Conjugate | Unconjugated |
| Purification | Affinity chromatography |
| Storage | 2-8°C |
| Intended use | Research use only |
| Application | FACS, ICC/IF, IHC |
| Reactivity | Human, Mouse, Rat |

Applications

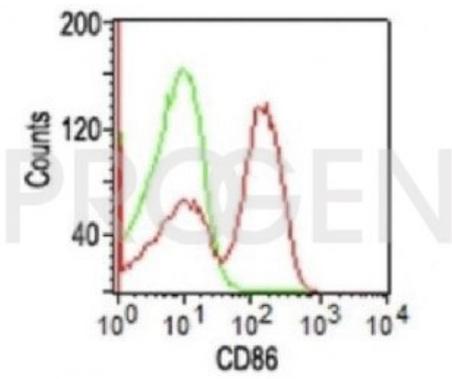
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|--|------------------------------------|
| Flow Cytometry (FACS) | 0.5-1.0 µg/million cells in 0.1 ml |
| Immunocytochemistry (ICC) | 1:100-1:200 (0.5-1.0 µg/ml) |
| Immunohistochemistry (IHC) - frozen | 1:50-1:100 (1-2 µg/ml) |

Background

EBS-CD-42 reacts with CD86, a member of the immunoglobulin superfamily, and highly expressed on monocytes, dendritic cells and stimulated B-cells. It is probably the major CD28 ligand. Furthermore, EBS-CD-042 blocks binding of soluble CD152 to CD86.

Positive control: 293T or Jurkat cells. Monocytes and dendritic cells, activated T, B and natural killer cells in lymph node or tonsil.

Product images



Flow cytometry analysis with human PBMC