

Product datasheet

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

Short overview

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

Product description

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

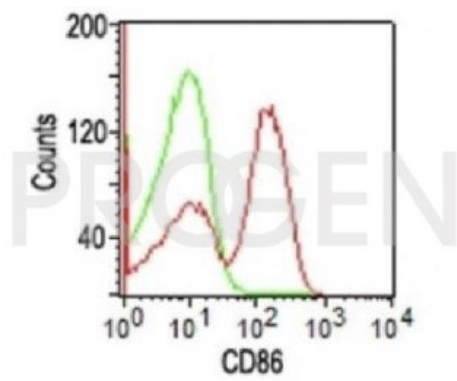
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)

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