

Product datasheet

anti-CD80 mouse monoclonal, C80-99, purified

Short overview

Cat. No.	691604
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG2b kappa
Clone	C80-99
Immunogen	Recombinant full length CD80
Formulation	PBS with 0.02% sodium azide
UniprotID	P33681 (Human)
Synonym	T-lymphocyte activation antigen CD80, Activation B7-1 antigen, BB1, CTLA-4 counter-receptor B7.1, B7, CD antigen CD80, CD80, CD28LG, CD28LG1, LAB7
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	FACS, ICC/IF, IHC
Reactivity	Human

Applications

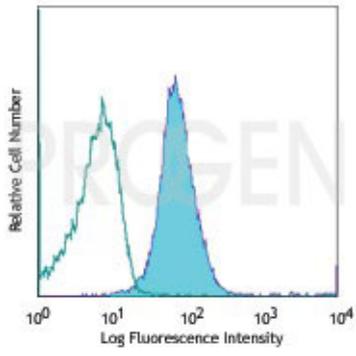
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)

Background

CD80 is involved in the costimulatory signal essential for T-lymphocyte activation. T-cell proliferation and cytokine production is included by the binding of CD28, binding to CTLA-4 has opposite effects and inhibits T-cell activation.

Positive control: tonsil or lymph node.

Product images



FACS with Daudi cells