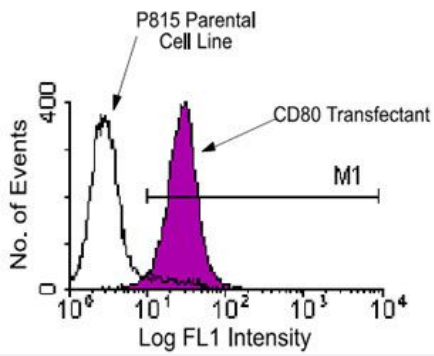
Cd80 monoclonal antibody, clone 1G10 (SPRD)

Catalog # MAB5952 Size 100 ug

Applications



Flow Cytometry

P815 cells transfected with Cd80 or non-transfected P815 control cells were stained with Cd80 monoclonal antibody, clone 1G10 (FITC) (Cat # MAB5948). Large cells were then gated and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Specification

Product Description	Rat monoclonal antibody raised against native Cd80.
Immunogen	Native purified Cd80 from dibutyryl cAMP-activated 5C2 cells.
Host	Rat
Reactivity	Mouse
Specificity	Specificity Mouse CD80 (B7-1), Mr 45-47 KDa
Form	Liquid
Conjugation	SPRD
Isotype	IgG2a, kappa
Recommend Usage	Flow Cytometry (0.2 ug/10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)

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Storage Instruction	Store in the dark at 4°C. Do not freeze. Avoid prolonged exposure to light. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry

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- Immunoprecipitation

Gene Info — Cd80

Entrez GeneID	12519
Gene Name	Cd80
Gene Alias	B7-1, B7.1, Cd28l, Ly-53, Ly53, MIC17, TS/A-1
Gene Description	CD80 antigen
Gene Ontology	Hyperlink
Other Designations	B7 protein

Publication Reference

- Costimulation of IL-4 production by murine B7-1 and B7-2 molecules.

  Natesan M, Razi-Wolf Z, Reiser H.

  Journal of Immunology 1996 Apr; 156(8):2783.

  Application: Flow Cyt, Mouse, CHO cells

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- Comparative analysis of B7-1 and B7-2 costimulatory ligands: expression and function.

  Hathcock KS, Laszlo G, Pucillo C, Linsley P, Hodes RJ.

  The Journal of Experimental Medicine 1994 Aug; 180(2):631.

- Signalling through the MHC class II cytoplasmic domain is required for antigen presentation and induces B7 expression.

  Nabavi N, Freeman GJ, Gault A, Godfrey D, Nadler LM, Glimcher LH.

  Nature 1992 Nov; 360(6401):266.

  Application: Flow Cyt, Mouse, 5C2 cells

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