9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

30-2191: Anti-CD80 / B7-1 Monoclonal Antibody (Clone:MEM-233)-PE Conjugated

Clonality :	Monoclonal
Clone Name :	MEM-233
Application :	FACS, IP
Reactivity :	Human
Conjugate :	PE
Gene :	CD80
Gene ID :	941
Uniprot ID :	P33681
Alternative Name :	CD80,CD28LG,CD28LG1,LAB7
Isotype :	Mouse IgG1
Immunogen Information :	Extracellular domain of human CD80 fused to human IgG1(Fc)

Description

CD80 (B7-1) and CD86 (B7-2) are ligands of T cell critical costimulatory molecule CD28 and of an inhibitory receptor CTLA-4 (CD152). The both B7 molecules are expressed on professional antigen-presenting cells and are essential for T cell activation, the both molecules can also substitute for each other in this process. The question what are the differences in CD80 and CD86 competency has not been fully elucidated yet; there are still conflicts in results about their respective roles in initiation or sustaining of the T cell immune response.

Product Info

Amount :	100 tests
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

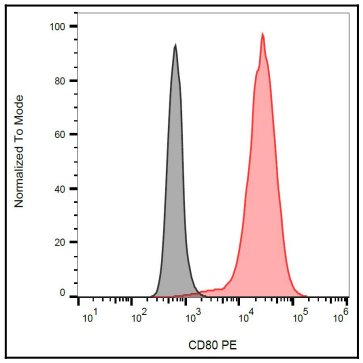


Figure 1: Surface staining of CD80-transfected P815 cells with anti-human CD80 (MEM-233) PE.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.