

## 10-4108: Monoclonal Antibody to Human CD80/B7-1 (Clone: ABM40G8)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	ABM40G8
<b>Application :</b>	FACS,WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	CD80
<b>Gene ID :</b>	941
<b>Uniprot ID :</b>	P33681
<b>Format :</b>	Purified
<b>Alternative Name :</b>	T-lymphocyte activation antigen CD80,Activation B7-1 antigen,BB1,CTLA-4 counter-receptor B7.1,B7
<b>Isotype :</b>	Mouse IgG2b, Kappa
<b>Immunogen Information :</b>	A partial length recombinant CD80 protein (amino acid 48-261) was used as the immunogen for this antibody.

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

WB: 4-6 µg/ml, Flowcytometry analysis: 2-4 µg/10<sup>6</sup> Cells

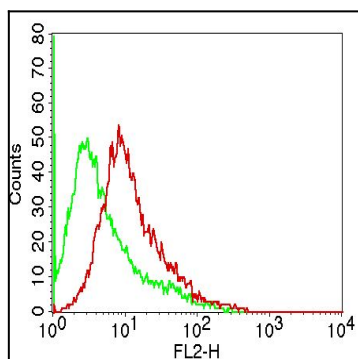


Fig-1: Cell surface flowcytometry analysis of CD80 antibody in Raji cells using 2 µg 10<sup>6</sup> cells of Anti human CD80 (Clone:ABM40G8 ). Green represent isotype control and red represent Anti- CD80 antibody (ABEOMICS 10-4108). Goat anti-mouse PE conjugated was used as the secondary antibody.

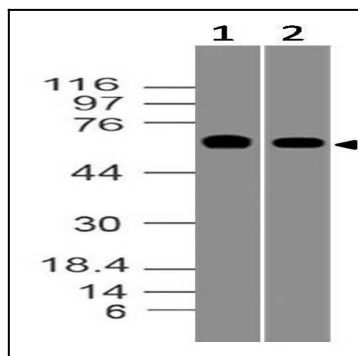


Fig-2: Western blot analysis of hCD80. Anti-hCD80 antibody (Clone: ABM40G8) was used at 2  $\mu\text{g/ml}$  on Raji and Ramos lysates.