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

Clonality: Monoclonal **Clone Name:** ABM40G8 FACS.WB Application: Reactivity: Human Gene: **CD80** Gene ID: 941 **Uniprot ID:** P33681 Format: **Purified**

T-lymphocyte activation antigen CD80, Activation B7-1 antigen, BB1, CTLA-4 counter-receptor **Alternative Name:**

B7.1,B7

Isotype: Mouse IgG2b, Kappa

A partial length recombinant CD80 protein (amino acid 48-261) was used as the immunogen Immunogen Information:

for this antibody.

Product Info

Amount: 25 μg / 100 μg

Purification: Protein G Chromatography

25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium Content:

azide is highly toxic.

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

Application Note

WB: 4-6 μg/ml, Flowcytometry analysis: 2-4 μg/10⁶ Cells

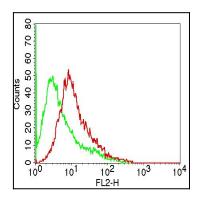


Fig-1: Cell surface flocytometry analysis of CD80 antibody in Raji cells using 2 µg 10^6 cells of Anti human CD80 (Clone:ABM40G8). Green represent isotype control and red represent Anti- CD80 antibody (ABEOMICS 10-4108). Goat anti-mouse PE conjugated was used as the secondary antibody.



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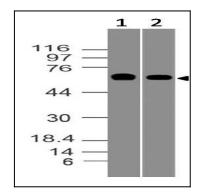


Fig-2: Western blot analysis of hCD80. Anti-hCD80 antibody (Clone: ABM40G8) was used at 2 $\mu g/ml$ on Raji and Ramos lysates.