# Anti-Human CD80 Antibody [2D10] -Low Endotoxin, Azide Free

**AGEL5036**

## Description

This Anti-Human CD80 Antibody [2D10] -Low Endotoxin, Azide Free is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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| **SKU:** | AGEL5036 |
| **Contents:** | 25µg, 100µg, 1mg<br>Bradford Reagent: 1 vial (2ml) |
| **Category:** | Monoclonal Antibody |
| **Clonality:** | Monoclonal |
| **Clone:** | 2D10 |
| **Synonyms:** | LAB, CTLA-4 counter-receptor B, T-lymphocyte activation antigen CD, B7, B7-1, B7.1, BB1, CD28LG, CD28LG1, LAB7, CD80, CD28LGB7-1 antigen, T-lymphocyte activation antigen CD80, Activation B7-1 antigen, CTLA-4 counter-receptor B7.1, B7-1, BB1, B lymphocyte activation antigen B7, B7-1 antigen, B7-1 antigen), CD28 antigen ligand 1, CD80 antigen, CD80 antigen (CD28 antigen ligand 1, CD80 molecule, Costimulatory factor CD80, costimulatory molecule variant IgV-CD80 |
| **Applications:** | FCM |
| **Reactivity:** | Human |
| **Immunogen:** | Recombinant Human CD80 protein |

## Antibody Data

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| **Uniprot ID:** | - |
| **Gene ID:** | - |
| **Swissprot:** | P33681 |

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| **Host Species:** | Mouse |
| **Isotype:** | Mouse IgG1, κ |
| **Isotype Control:** | - |
| **Conjugation:** | - |
| **Conjugation Information:** | - |
| **Buffer:** | Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method. |
| **Purification:** | >98%, Protein A/G purified |
| **Target:** | CD80 |
| **Cellular Localization:** | - |
| **Tissue Specificity:** | - |
| **Verified Samples:** | Verified Samples in FCM: Raji |
| **Concentration:** | ≥ 1 mg/mL |

## Preparation & Storage

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| **Storage:** | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions. |
| **Shipping:** | Ice bag |
| **Recommended Dilution:** | FCM 2 µg/mL($0.5\times10^6$-$1\times10^6$ cells) |

**Recommended Usage:**

| Application | Recommended Usage |
|---|---|
| - | - |

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| **Protein Quantification (Optional):** | To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol |
| **Notes:** | Centrifuge before opening to ensure complete recovery of vial contents. |