



Product Data Sheet

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Cat # AB-13310

Rat Anti-Mouse CD80 IgG

Size: 100ug

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**Synonyms:**

LAB7, CD28LG, CD28LG1, CD28LG1, B71

**Type:**

Rat Anti Mouse Monoclonal

**Introduction:**

The B-lymphocyte activation antigen B7-1 provides regulatory signals for T lymphocytes as a consequence of binding to the CD28 and CTLA4 ligands of T cells CD-80 is involved in the costimulatory signal essential for t- lymphocyte activation. t-cell proliferation and cytokine production is induced by the binding of cd28 or ctla-4 to this receptor. Blocking and staining antibody. For staining, use 10  $\mu$ l/10<sup>6</sup> cells. Titer for blocking T cell activation should be determined by the investigator.

**Immunogen:**

Purified mouse LPS-activated B cells

**Ig Subclass:**

Rat IgG2a; purified by ion exchange column; 1mg/mL in PBS after reconstitution; Reconstitute with of H2O. Mix gently, wash the sides of the vial and wait 30-60 seconds before use.

**Storage Procedures:**

Lyophilized: store at 4°C. After reconstitution, if not intended for use within a month, aliquot and store at -20°C. Two years lyophilized, one month in solution at 4°C.

**Available Conjugates:**

This antibody is only available as purified antibody.

**Usage:**

This item is for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals. If supplied in powder then reconstitute it in 100 ul water for 1 mg/ml stock and store in liquid at 4°C for ~1 week or aliquots in suitable size and store at -20°C for long term storage..

Rev. 101001V