

## Anti-CD19 [1D3] Standard Size Ab03688-2.0

**Isotype and Format:** Mouse IgG2a, Kappa

**Clone Number:** 1D3

**Alternative Name(s) of Target:** B-lymphocyte antigen CD19; Differentiation antigen CD19

**UniProt Accession Number of Target Protein:** P25918

**Published Application(s):** FC;

**Published Species Reactivity:** Mouse

**Immunogen:**

**Specificity:** The antibody is specific for mouse CD19.

**Application Notes:** The scFv fragment of the antibody was employed in the generation of a chimeric antigen receptor (CAR) which bound to CD19. Mice were administered mouse CAR-expressing cells or control cells. Anti-muCD19 CAR-T mice exhibited elevated serum IL-6 levels on day 2 after CAR-T administration, with a decrease at day 5, compared to control mice that exhibited very low or no increase in serum IL-6 levels. A20 tumor bearing mice were administered CPA and anti -mouse CD 19 CAR-T cells and evaluated for various parameters. Animals treated with CPA and anti-mouse CD 19 CAR-T cells were observed to have elevated levels of serum cytokines, as compared to controls (EP3644721A1).

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

## Product Form

**Size:** 100 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.