

## Anti-CTLA-4 [9H10] Standard size

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**Description:** Recombinant monoclonal antibody to CTLA-4. Manufactured using AbAb's Recombinant Platform with variable regions (i.e. specificity) from the hybridoma 9H10. This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

**Isotype and Format:** Mouse IgG2a, [Fc Silent™](#), kappa

**Clone Number:** 9H10

**UniProt Accession Number of Target Protein:**

**Published Application(s):** Neutralisation; WB; FC; ELISA; proliferation assays

**Published Species Reactivity:** Mouse

**Immunogen:** This antibody was raised by immunising Syrian hamsters with Staphylococcus A bacteria coated in CTLA-4, isolating B cells from the immunised hamsters and fusing these with the P3X3.Ag8.653 myeloma line to produce stable hybridomas.

**Specificity:** This antibody is specific for murine CTLA-4, an inhibitory receptor that acts as the primary negative regulator of T-cell responses. CTLA-4 is expressed predominantly by activated T cells, with significantly higher levels of expression on CD8+ T cells than CD4+ T cells.

**Antibody First Published in:**

Krummel & Allison J Exp Med. 1995 Aug 1; 182(2): 459-465. [PMID:7543139](#) **Note on publication:** Describes the original generation and characterisation of this antibody.

## Product Form

This is a Standard size product. 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:** See vial label

**Product Code:** Ab00894-2.3

## Mouse IgG2a

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