

Product Datasheet

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Anti-Mouse CD152 (CTLA-4) [Clone 9H10] — Alexa Fluor® 647

Hybridoma Monoclonal Antibody

Product Information

Product No.:	C1752AF
Clone:	9H10
Isotype:	Syrian Hamster Syrian Hamster IgG
Storage:	2-8°C

Product Description

Specificity:

Clone 9H10 recognizes an epitope on mouse CTLA-4.

Antigen Distribution:

CTLA-4 is expressed on activated T and B lymphocytes.

Background:

CTLA-4 is a 33 kD member of the Ig superfamily similar to CD28 in amino acid sequence, structure, and genomic organization. CTLA-4 is a protein receptor that functions as an immune checkpoint and downregulates immune responses. It is involved in the development of protective immunity and thymocyte regulation, in addition to the induction and maintenance of immunological tolerance. CTLA-4 has therapeutic potential both as an agonist to reduce immune activity, and an antagonist to increase immune activity.

Known Reactivity Species:

Mouse

Format:

Alexa Fluor® 647

Immunogen:

Mouse CTLA-4-human IgG1 fusion protein

Formulation

This Alexa Fluor® 647 conjugate is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.4, 1% BSA and 0.09% sodium azide as a preservative.

Alexa Fluor® is a trademark of Life Technologies Corporation.

Storage and Stability

This Alexa Fluor® 647 conjugate is stable when stored at 2-8°C. Do not freeze.

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

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