



NIH AIDS Reagent Program

20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

Phone: 240 686 4740
Fax: 301 515 4015
aidsreagent.org

DATA SHEET

Reagent:	Anti-Mouse CTLA-4 Monoclonal (9H10)
Catalog Number:	12848
Lot Number:	160116
Release Category:	E
Provided:	500 µg of purified antibody at 1 mg/mL in PBS, pH 7.2. Endotoxin= 1 EU/mg Purity= Greater than 90% by SDS-PAGE Coomassie Stained
Description:	A monoclonal antibody to mouse CTLA-4 (CD152).
Host:	Syrian Hamster
Titer:	User should determine optimal concentration for any application.
Special Characteristics:	This antibody was produced in cell culture and purified by Protein A affinity purification. It originates from a hybridoma. The hybridoma was created by immunizing a syrian hamster with a mouse CTLA-4 and human γ 1 fusion protein and fusing the resulting splenocytes with P3X3.Ag8.653 myeloma cells.
Recommended Storage:	Keep at 4°C for short term storage and -80°C for long term storage. Avoid freeze-thaw cycles as reagent degradation may result.
Contributor:	Dr. James Allison
Isotype:	IgG1

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

References:

Lane P, Gerhard W, Hubele S, Lanzavecchia A, Mcconnell F. Expression and functional properties of mouse B7/BB1 using a fusion protein between mouse CTLA4 and human gamma 1. Immunology. 1993;80(1):56-61.[Abstract](#)

Krummel MF, Allison JP. Pillars article: CD28 and CTLA-4 have opposing effects on the response of T cells to stimulation. The journal of experimental medicine. 1995. 182: 459-465. J Immunol. 2011;187(7):3459-65.[Abstract](#)

Barber DL, Wherry EJ, Masopust D, et al. Restoring function in exhausted CD8 T cells during chronic viral infection. Nature. 2006;439(7077):682-7.[Abstract](#)

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Anti-Mouse CTLA-4 Monoclonal (9H10) from Dr. James Allison." Also include the references cited above in any publications.

Last Updated

September 07, 2016

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