



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Anti-Human DC-SIGN/DC-SIGNR Monoclonal (120526)
Catalog Number:	6886
Lot Number:	100302
Release Category:	A
Provided:	25 μ L antibody (7.17 μ g/ μ L) in PBS.
Host:	The antibody was produced from a mouse hybridoma elicited from a Balb/c mouse inoculated with a NIH/3T3 transfectant stably expressing human DC-SIGN. The IgG fraction of the tissue culture supernatant was purified by Protein G affinity chromatography.
Special Characteristics:	<p>This antibody has been selected for its ability to recognize human DC-SIGN and DC-SIGNR. Also reacts with DC-SIGN of rhesus and pigtail macaque. Use 10 μg/mL of antibody per half a million cells in flow cytometry. The endotoxin level is 6 cells).</p> <p>Endotoxin: 17.383 EU/mL*</p> <p>*NOTE: Endotoxin has been shown to induce chemokines and other soluble HIV and SIV inhibitory factors in primary cultures of PBMC, monocytes and macrophages (Verani et al., J Exp Med 185:805-816, 1997; J Immunol 168:6388-6396, 2002; Montefiori in preparation). Thus, caution is advised when using this reagent for in vitro studies involving primary cells.</p>
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:	Division of AIDS, NIAID. Produced by R&D Systems.
Isotype:	IgG2a.

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: Jameson B, Baribaud F, Pöhlmann S, Ghavimi D, Mortari F, Doms RW, Iwasaki A. Expression of DC-SIGN by dendritic cells of intestinal and genital mucosae in humans and rhesus macaques. *J Virol* **76**:1866-1875, 2002.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Anti-Human DC-SIGN/DC-SIGNR Monoclonal (120526) from DAIDS, NIAID." Also include the reference cited above in any publications.

Last Updated September 01, 2017

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