

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

DC-SIGN (ED) Polyclonal Antibody

ORDERING INFORMATION

Catalog No.: 18711

Size: 100 ug IgG in PBS, pH 7.4, purified by immunoaffinity chromatography.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 277-293 of human DC-SIGN.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide

SPECIFICITY

This antibody recognizes human DC-SIGN, a dendritic cell receptor that can capture and transport HIV from mucosal areas to remote lymph nodes where HIV is then transferred to CD4+ T lymphocytes. Multiple strains of HIV-1, HIV-2, and SIV bind to dendritic cells via DC-SIGN. DC-SIGN is expressed in mucosal tissues, placenta, small intestine, and rectum.

APPLICATIONS

Immunoblotting: use at 1-2 ug/ml. In immunoblots, a band of 44 kD is detected.

Positive control: Human placenta tissue lysate.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.