

Reticulum Cell (X-12): sc-59350

BACKGROUND

Lymph nodes contain nonlymphoid accessory cells including follicular dendritic cells (FDCs), interdigitating dendritic cells (IDCs) and fibroblastic reticular cells. Reticulum cells refer to cells of the reticuloendothelial system, found particularly in T cell areas of lymph nodes and spleen and their *in vitro* correlates. A minor but distinct population of reticulum cells also exist in the kidney cortex. These cells are involved in a large variety of tumors, and markers of reticulum cells may be useful in the analysis of the behavior and action of these carcinomas.

REFERENCES

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SOURCE

Reticulum Cell (X-12) is a mouse monoclonal antibody raised against mononuclear peripheral blood cells of human origin.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PRODUCT

Each vial contains 100 µg IgG₁ in 1.0 ml of PBS with < 0.0067% thimerosal and 0.1% gelatin.

APPLICATIONS

Reticulum Cell (X-12) is recommended for detection of reticulum cells of human origin by immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500), immunohistochemistry (including paraffin-embedded sections) (starting dilution 1:50, dilution range 1:50-1:500) and flow cytometry (1 µg per 1 x 10⁶ cells).

STORAGE

Store at 4° C, ****DO NOT FREEZE****. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.