

CD57 Monoclonal Antibody

ORDERING INFORMATION

Catalog No.	Clone No.	Size
34054	G539.1	100ul

Format: Purified antibody in Tris buffer, pH 7.3-7.7, 1% BSA, <0.1% sodium azide.

BACKGROUND

It was originally believed that CD57 (cluster of differentiation 57) was uniquely expressed on natural killer (NK) cells, but further research showed that CD57 was expressed only on a subset of functionally distinct NK cells. CD57 was subsequently identified on CD8⁺ T cells as well as on cells of neural crest origin. In neural cells, the CD57 epitope is predominantly restricted to adhesion molecules. CD57 has been utilized as a marker for tumors of neuroendocrine origin including pheochromocytomas, paragangliomas, carcinoid tumors, medulloblastomas, neuromas, neurofibromas, schwannomas, and granular cell tumors. Expression of CD57 can be used to distinguish nodular lymphocyte-predominant Hodgkin's lymphoma from T-cell/histiocyte-rich large B-cell lymphoma, nodular sclerosis, Hodgkin's disease, and follicular lymphoma.

DESCRIPTION

Antigen: Recombinant human CD57.

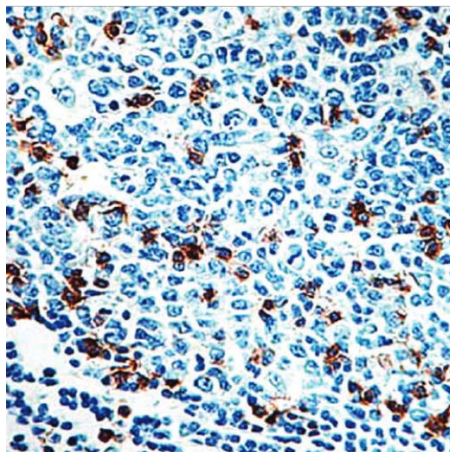
Accession No.: Q9P2W7

Host: Mouse

Specificity: Human CD57. Reactivity with other species has not been investigated.

APPLICATIONS

Immunohistochemistry: use at a dilution of 1:100-1:200 on formalin-fixed, paraffin-embedded samples after heat-induced epitope retrieval at pH 9 for 10-30 minutes.



Detection of CD57 in Hodgkin's Lymphoma with #34054 diluted 1:100-1:200.

STORAGE AND STABILITY

Store at 2-8°C. Do not freeze.

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