CD57 monoclonal antibody (NK-1)

Anti-CD57 marks a subset of lymphocytes known as natural killer (NK) cells. Follicular center cell lymphomas often contain many NK cells within the neoplastic follicles. Anti-CD57 also stains neuroendocrine cells and their derived tumors, including carcinoid tumor and medulloblastoma. Anti-CD57 can also be useful in separating type B3 thymoma from thymic carcinoma when combined with a panel that includes antibodies against GLUT1, CD5 and CEA.

CD57, also known as HNK-1 (human natural killer-1), is a cell surface marker associated with specific immune cell populations. It plays a crucial role in immune response modulation, neurobiology, and various pathological conditions. CD57 is a glycoprotein expressed on the surface of certain immune cells, including natural killer (NK) cells, T cells, and subsets of B cells. In the immune system, CD57 serves as a marker for identifying specific subsets of lymphocytes. Elevated CD57 expression on NK cells, for example, is linked to enhanced cytotoxicity and a more robust immune response against infected or aberrant cells. Additionally, CD57 can be used to distinguish memory T cell subsets, providing insights into the immune system's adaptive memory.

This antibody is covered by our Worry-Free Guarantee.

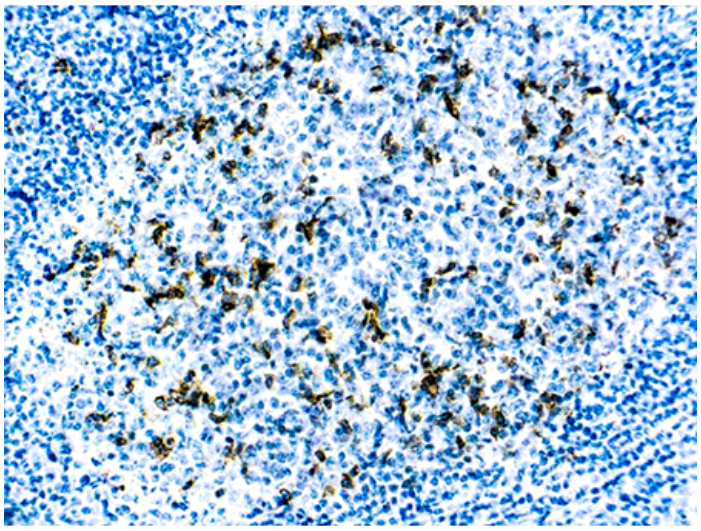
Ordering Information

Order Online »

ENZ-ABS852-1000	1ml
ENZ-ABS852-0100	100µl

Manuals, SDS & CofA

View Online »



Formalin fixed paraffin embedded human tonsil stained with CD57 antibody.

Handling & Storage

Long Term Storage +4°C

Shipping Blue Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name	Human natural killer-1, HNK-1
Application	IHC (PS)
Application Notes	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.
Clone	NK-1
Formulation	This product is supplied as a purified immunoglobulin and contains less than 0.1% sodium azide as a preservative.
Host	Mouse
Immunogen	Human peripheral blood mononuclear cells.
Isotype	IgM
Positive Control	Spleen, Tonsil
Recommendation Dilutions/Conditions	Antibody dilutions should be appropriately adjusted and verified according to the detection system used.Optimal conditions must be determined individually for each application.
Species Reactivity	Human
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee**

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