

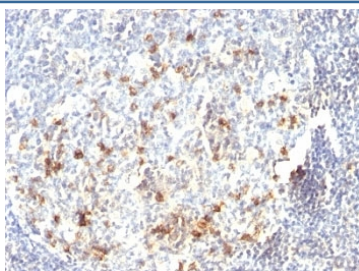
## CD57 Antibody [clone HNK-1 or Leu-7] (V2530)

Catalog No.	Formulation	Size
V2530-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2530-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2530SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2530IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

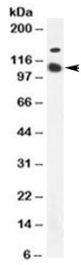
 Citations (10)

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<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgM, kappa
<b>Clone Name</b>	HNK-1 or Leu-7
<b>Purity</b>	PEG precipitation
<b>UniProt</b>	Q9P2W7
<b>Localization</b>	Cell surface, cytoplasmic
<b>Applications</b>	Immunofluorescence : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-4ug/ml for 30 min at RT
<b>Limitations</b>	This CD57 antibody is available for research use only.



IHC analysis of formalin-fixed, paraffin-embedded human tonsil stained with CD57 antibody (clone HNK-1).



Western blot testing of K562 cell lysate with CD57 antibody (clone HNK-1). Predicted molecular weight: ~38/110 kDa (unmodified/glycosylated).

## Description

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.

## Application Notes

Optimal dilution of the CD57 antibody should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 min
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

Membrane antigen from HSB-2 cells was used as the immunogen for the CD57 antibody.

## Storage

Store the CD57 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).