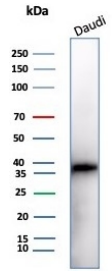
# CD57 Antibody / HNK-1 [clone NK1/7566] (V4219)

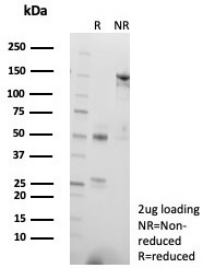
| Catalog No. | Formulation | Size |
|---|---|---|
| V4219-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V4219-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V4219SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

**Bulk quote request**

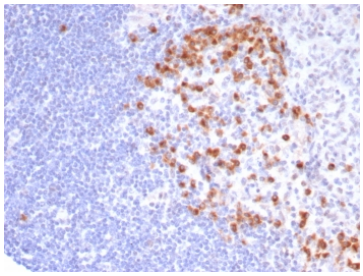
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgG2, lambda |
| **Clone Name** | NK1/7566 |
| **Purity** | Protein A/G affinity |
| **UniProt** | Q9P2W7 |
| **Localization** | Cell surface, cytoplasmic |
| **Applications** | Western Blot : 1-2ug/ml<br>Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT |
| **Limitations** | This CD57 antibody is available for research use only. |




Western blot testing of human Daudi cell lysate with CD57 antibody (clone NK1/7566). Predicted molecular weight ~38 kDa.




SDS-PAGE analysis of purified, BSA-free CD57 antibody (clone NK1/7566) as confirmation of integrity and purity.



IHC staining of FFPE human lymph node tissue with CD57 antibody (clone NK1/7566). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

## 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.

## Immunogen

A recombinant partial protein sequence (within amino acids 1-200) from the human protein was used as the immunogen for the CD57 antibody.

## Storage

Aliquot the CD57 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.