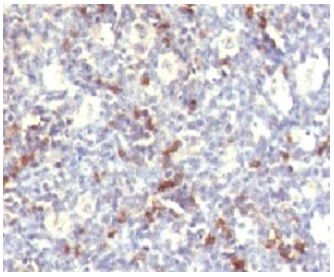
HNK-1 Antibody [clone CDLA57] (V7108)

Catalog No.	Formulation	Size
V7108-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7108-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7108SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7108IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgM, kappa
Clone Name	CDLA57
Purity	PEG precipitation
UniProt	Q9P2W7
Localization	Cell surface, cytoplasmic
Applications	Immunohistochemistry (FFPE): 2-4ug/ml for 30 min at RT (1) Prediluted IHC only format: incubate for 30 min at RT (2)
Limitations	This HNK-1 antibody is available for research use only.



IHC testing of FFPE human spleen and HNK-1 antibody (clone CDLA57).

Description

CD57/HNK-1 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/HNK-1 also stains neuroendocrine cells and their derived tumors, including carcinoid tumor and medulloblastoma. Anti-CD57/HNK-1 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 HNK-1 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

Recombinant human protein was used as the immunogen for the HNK-1 antibody.

Storage

Store the HNK-1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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