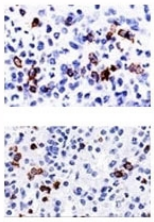
CD57 Antibody [clone NK-1] (V2532)

Catalog No.	Formulation	Size
V2532-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2532-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2532SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2532IHC-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 (11)

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	NK-1
Purity	PEG precipitation
UniProt	Q9P2W7
Localization	Cell surface, cytoplasmic
Applications	Immunofluorescence: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-4ug/ml for 30 min at RT
Limitations	This CD57 antibody is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human spleen stained with CD57 antibody (NK-1).

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

Human peripheral blood mononuclear cells were used as the immunogen for the CD57 antibody.

Storage

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

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