

Product Datasheet

Aminopeptidase N/CD13 Antibody (R3-63) NBP2-23492-0.05mg

Unit Size: 0.05 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-23492-0.05mg

Aminopeptidase N/CD13 Antibody (R3-63)

Product Information

Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	R3-63
Preservative	No Preservative
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS

Product Description

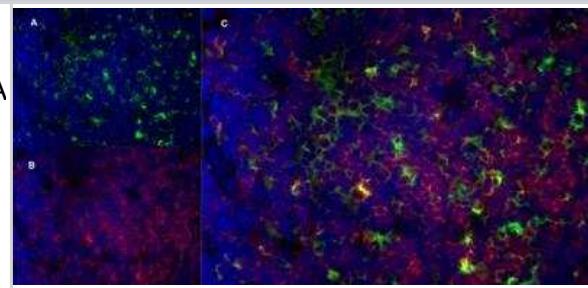
Host	Rat
Gene ID	290
Gene Symbol	ANPEP
Species	Human, Mouse
Reactivity Notes	Human reactivity reported in scientific literature (Saare M et al).
Specificity/Sensitivity	recognises mouse aminopeptidase N (APN), a cell surface protein homologous with human CD13. In the mouse, CD13 is a non-covalently linked homodimer of approximately 150kD subunits expressed by a variety of cells including monocytes, macrophages, dendritic cell and veiled cells.
Immunogen	Mouse intestinal APN
Preparation Method	Spleen cells from immunised mice were fused with cells of the IR983F rat myeloma cell line.
Endotoxin Note	<0.01EU/ug

Product Application Details

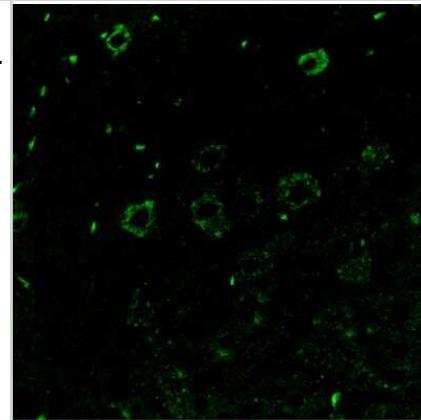
Applications	Flow Cytometry, Functional, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1:50-1:100, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Functional, CyTOF-ready
Application Notes	IHC reported in a verified customer review.

Images

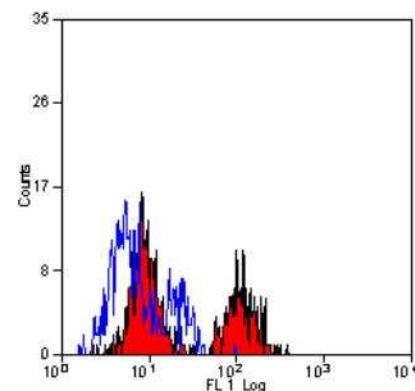
Immunocytochemistry/Immunofluorescence: Aminopeptidase N/CD13 Antibody (R3-63) [NBP2-23492] - Staining of a mouse lymph node cryosection with Rat anti Mouse CD13 antibody, clone R3-63, green in A and Rat anti Mouse CD8, clone YTS105.18, red in B. C is the merged image with nuclei counterstained blue using DAPI. High power



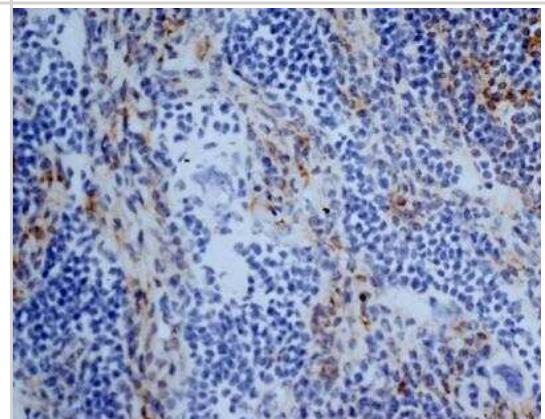
Immunohistochemistry: Aminopeptidase N/CD13 Antibody (R3-63) [NBP2-23492] - Staining can be observed in normal mouse liver (Green). Image from a verified customer review.



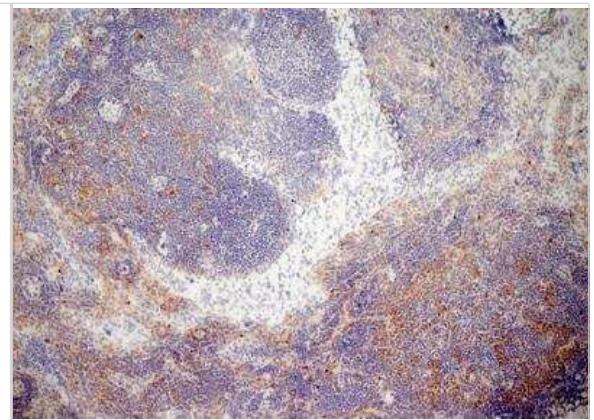
Flow Cytometry: Aminopeptidase N/CD13 Antibody (R3-63) [NBP2-23492] - Staining of mouse peripheral blood mononuclear cells with Rat anti Mouse CD13: Alexa Fluo r(R) 488



Immunohistochemistry-Frozen: Aminopeptidase N/CD13 Antibody (R3-63) [NBP2-23492] - Staining of mouse lymph node cryosection with Rat anti Mouse antibody clone R3-63 followed by horseradish peroxidase Goat anti Rat IgG antibody. High power



Immunohistochemistry-Frozen: Aminopeptidase N/CD13 Antibody (R3-63) [NBP2-23492] - Saining of mouse lymph node cryosection eith Rat anti Mouse antibody clone R3-63 followed by horseradish peroxidase Goat anti Rat IgG antibody. Low power



Publications

Saare M. Molecular Profiling of Endometriotic Lesions and Endometria of Endometriosis Patients Thesis 2016-03-16 (FLOW, Human)

Details:

This reference used the PE version of NBP2-23492.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Primary Antibodies are guaranteed for 1 year from date of receipt.

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