

Product Datasheet

ANPEP Antibody (orb1409991)

Catalog Number	orb1409991
Category	Antibodies
Description	Mouse monoclonal antibody to CD13
Target	ANPEP
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG1
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml.
Immunogen	Recombinant fragment (around aa50-250) of human ANPEP protein (exact sequence is proprietary)
UniProt ID	P15144
MW	150kDa
Tested applications	ELISA, IHC, WB

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Specificity

Expressed in epithelial cells of the kidney, intestine, and respiratory tract; granulocytes, monocytes, fibroblasts, endothelial cells, cerebral pericytes at the blood-brain barrier, synaptic membranes of cells in the CNS. Also expressed in endometrial stromal cells, but not in the endometrial glandular cells. Found in the vasculature of tissues that undergo angiogenesis and in malignant gliomas and lymph node metastases from multiple tumor types but not in blood vessels of normal tissues. A soluble form has been found in plasma. It is found to be elevated in plasma and effusions of cancer patients.

Clone Number

APN/6998

Expression System

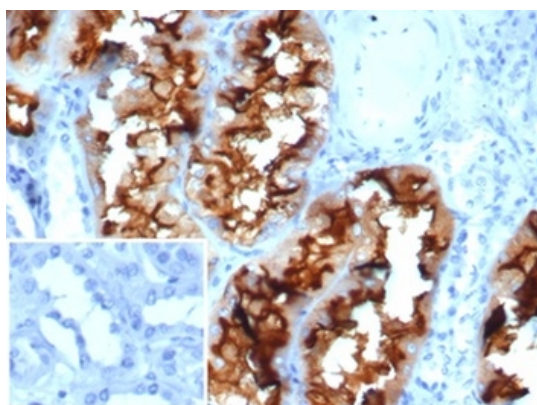
HEK293 cells

Storage

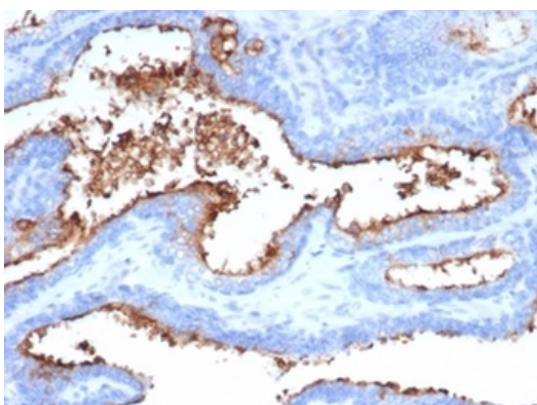
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

For research use only



Formalin-fixed, paraffin-embedded human kidney stained with CD13 Mouse Monoclonal Antibody (APN/6998). Inset: PBS instead of primary antibody; secondary only negative control.



Formalin-fixed, paraffin-embedded human prostate stained with CD13 Mouse Monoclonal Antibody (APN/6998). Inset: PBS instead of primary antibody; secondary only negative control.

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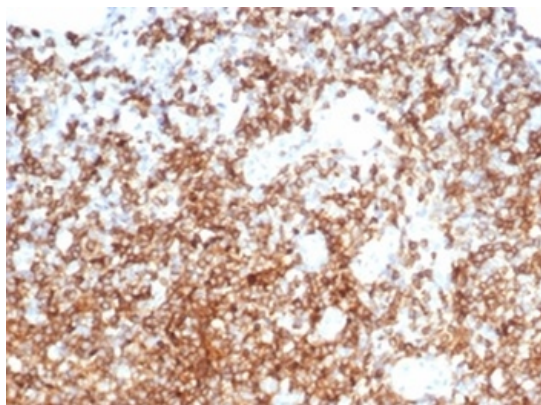
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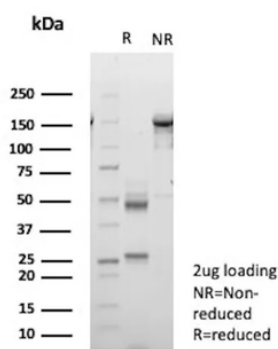
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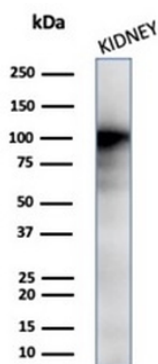
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Formalin-fixed, paraffin-embedded human tonsil stained with CD13 Mouse Monoclonal Antibody (APN/6998). HIER: Tris/EDTA, pH9.0, 45 min. 2°: HRP-polymer, 30 min. DAB, 5 min.



SDS-PAGE Analysis of Purified CD13 Mouse Monoclonal Antibody (APN/6998). Confirmation of Purity and Integrity of Antibody.



Western blot analysis of human kidney tissue lysate using CD13 Mouse Monoclonal Antibody (APN/6998).

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