Product Datasheet

Aminopeptidase N/CD13 Antibody (B-F10) [PE] NBP2-47891PE

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-47891PE

Aminopeptidase N/CD13 Antibody (B-F10) [PE]

Product Information	Aminopephaase N/CD13 Antibody (B-F10) [PE]		
Concentration Please see the vial label for concentration. If unlisted please contact technical services. Storage Store at 4C in the dark. Clonality Monoclonal Clone B-F10 Preservative 0.05% Sodium Azide Isotype IgG1 Kappa Conjugate PE Purity Protein A or G purified Buffer PBS Product Description Host Mouse Gene ID 290 Gene Symbol ANPEP Species Human Marker Myeloid Cell Marker Specificity/Sensitivity Recognizes an integral membrane glycoprotein of 150kDa, identified as CD13 (also known as aminopeptidase-N). The CD13 antigen is present on most cells of myeloid origin including granulocytes, monocytes, mast cells, and GM-progenitor cells. It is also expressed by the majority of AMIL, CML in myeloid blast crisis, and in a smaller fraction of lymphoid leukemias. CD13 is absometian brush border, bone marrow stromal cells, osteoclasts; and cells lining bile duct canaliculi. CD13 is identical to aminopeptidase N (APN), a prominent membrane-bound metalloprotease present on the surface of intestinal brush border, bone marrow stromal cells, osteoclasts; and cells lining bile duct canaliculi. CD13 is identical to aminopeptidase N (APN), a prominent membrane-bound metalloprotease present on the surface of intestinal brush border, bone marrow stromal cells, osteoclasts; and cells lining bile duct canaliculi. CD13 is identical to aminopeptidase N (APN), a prominent membrane-bound metalloprotease present on the surface of intestinal brush border, bone marrow stromal cells, osteoclasts; and cells lining bile duct canaliculi. CD13 is identical to aminopeptidase N (APN), a prominent membrane-bound metalloprotease present on the surface of intestinal brush border, bone marrow stromal cells, osteoclasts; as a receptor for human coronaviruses (HCV). The lineage-restricted pattern of expression of CD13 within the hemopoietic compartment suggests that it may be important in myeloid cell differentiation. Immunogen KG-1 myeloid cells Million Million Million Million Mill	Product Information		
Storage Store at 4C in the dark. Clonality Monoclonal Clone B-F10 Preservative 0.05% Sodium Azide Isotype IgG1 Kappa Conjugate PE Purity Protein A or G purified Buffer PBS Product Description Host Mouse Gene ID 290 Gene Symbol ANPEP Species Human Marker Myeloid Cell Marker Specificity/Sensitivity Recognizes an integral membrane glycoprotein of 150kDa, identified as CD13 (also known as aminopeptidase-N). The CD13 antigen is present on most cells of myeloid origin including granulocytes, monocytes, mast cells, and GM-pregenitor cells. It is also expressed by the majority of AMIL, Cli In myeloid blast crisis, and in a smaller fraction of lymphoid leukemias. CD13 is absent from normal lymphocytes, platelets and erythrocytes. CD13 is also present on intestinal brush border, bone marrow stormal cells, seteochastical brush border, bone marrow stormal cells, osteoclasts and cells lining bile duct canaliculi. CD13 is identical to aminopeptidase N (APN), a prominent membrane-bound metalloprotease present on the surface of intestinal brush border, bone marrow stormal cells, osteoclasts and cells lining bile duct canaliculi. CD13 is identical to aminopeptidase N (APN), a prominent membrane-bound metalloprotease present on the surface of intestinal brush border, bone marrow stormal cells, osteoclasts it also serves as a receptor for human coronaviruses (HCV). The lineage-restricted pattern of expression of CD13 within the hemopoletic compartment suggests that it may be important in myeloid cell differentiation. Immunogen KG-1 myeloid cells Notes Tinis conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size storage and the datasheet. Product Application Details Flow Cytometry, Immunohistochemistry-Immunofluorescence, Immunohiturescence,	Unit Size	0.1 ml	
Clona	Concentration	'	
Clone B-F10	Storage	Store at 4C in the dark.	
Preservative Q.0.5% Sodium Azide	Clonality	Monoclonal	
Isotype	Clone	B-F10	
PE	Preservative	0.05% Sodium Azide	
Purity Protein A or G purified Buffer PBS Product Description Host Mouse Gene ID 290 Gene Symbol ANPEP Species Human Marker Myeloid Cell Marker Specificity/Sensitivity Recognizes an integral membrane glycoprotein of 150kDa, identified as CD13 (also known as aminopeptidase-N). The CD13 antigen is present on most cells of myeloid origin including granulocytes, monocytes, mast cells, and GM-progenitor cells. It is also expressed by the majority of AML, CML in myeloid blast crisis, and in a smaller fraction of lymphoid leukemias. CD13 is absent from normal lymphocytes, platelets and erythrocytes. CD13 is also present on fibroblasts; endothelial cells, epithelial cells from renal proximal tubules and intestinal brush border, bone marrow stromal cells, osteoclasts, and cells lining bile duct canaliculii. CD13 is identical to aminopeptidase N (APN), a prominent membrane-bound metalloprotease present on the surface of intestinal brush border and renal tubules. CD13 plays a role in metabolism of biologically active peptides, in phagocytosis, and in bactericidal/tumoricidal activities. It also serves as a receptor for human coronaviruses (HcV). The lineage-restricted pattern of expression of CD13 within the hemopoleitic compartment suggests that it may be important in myeloid cell differentiation. Immunogen KG-1 myeloid cells Notes This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. Product Application Details Applications Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoflivorescence, Immunoflivo	Isotype	IgG1 Kappa	
PBS	Conjugate	PE	
Product Description Host Mouse Gene ID 290 Gene Symbol ANPEP Species Human Marker Myeloid Cell Marker Specificity/Sensitivity Recognizes an integral membrane glycoprotein of 150kDa, identified as CD13 (also known as aminopeptidase-N). The CD13 antigen is present on most cells of myeloid origin including granulocytes, monocytes, mast cells, and GM-progenitor cells. It is also expressed by the majority of AML, CML in myeloid blast crisis, and in a smaller fraction of lymphoid leukemias. CD13 is absent from normal lymphocytes, platelets and erythrocytes. CD13 is also present on fibroblasts; endothelial cells, epithelial cells from renal proximal tubules and intestinal brush border, bone marrow stromal cells, osteoclasts, and cells lining bile duct canaliculi. CD13 is identical to aminopeptidase N (APN), a prominent membrane-bound metalloprotease present on the surface of intestinal brush border and renal tubules. CD13 plays a role in metablosim of biologically active peptides, in phagocytosis, and in bactericidal/tumoricidal activities. It also serves as a receptor for human coronaviruses (HCV). The lineage-restricted pattern of expression of CD13 within the hemopoletic compartment suggests that it may be important in myeloid cell differentiation. KG-1 myeloid cells Notes This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. Product Application Details Applications Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunofluorescence Immunofluorescence. Recommended Dilutions Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready, Immunofluorescence, Immunofluore	Purity	Protein A or G purified	
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Gene ID 290 Gene Symbol ANPEP Species Human Marker Myeloid Cell Marker Specificity/Sensitivity Recognizes an integral membrane glycoprotein of 150kDa, identified as CD13 (also known as aminopeptidase-N). The CD13 antigen is present on most cells of myeloid origin including granulocytes, most cells, and GM-progenitor cells. It is also expressed by the majority of AML, CML in myeloid blast crisis, and in a smaller fraction of lymphoid leukemias. CD13 is absent from normal lymphocytes, platelets and erythrocytes, CD13 is absent from normal proximal tubules and intestinal brush border, bone marrow stromal cells, osteoclasts, and cells lining bile duct canaliculi. CD13 is identical to aminopeptidase N (APN), a prominent membrane-bound metalloprotease present on the surface of intestinal brush border and renal tubules. CD13 plays a role in metabolism of biologically active peptides, in phagocytosis, and in bactericidal/moricidal activities. It also serves as a receptor for human coronaviruses (HCV). The lineage-restricted pattern of expression of CD13 within the hemopoietic compartment suggests that it may be important in myeloid cells Immunogen KG-1 myeloid cells Notes This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. Product Application Details Flow Cytometry, Immunohistochemistry/ Immunofluorescence, Immu	•		
Species	Host	Mouse	
Species	Gene ID	290	
Marker Myeloid Cell Marker Specificity/Sensitivity Recognizes an integral membrane glycoprotein of 150kDa, identified as CD13 (also known as aminopeptidase-N). The CD13 antigen is present on most cells of myeloid origin including granulocytes, monocytes, mast cells, and GM-progenitor cells. It is also expressed by the majority of AML, CML in myeloid blast crisis, and in a smaller fraction of lymphoid leukemias. CD13 is absent from normal lymphocytes, platelets and erythrocytes. CD13 is also present on fibroblasts; endothelial cells, epithelial cells from renal proximal tubules and intestinal brush border, bone marrow stromal cells, osteoclasts, and cells lining bile duct canaliculi. CD13 is identical to aminopeptidase N (APN), a prominent membrane-bound metalloprotease present on the surface of intestinal brush border and renal tubules. CD13 plays a role in metabolism of biologically active peptides, in phagocytosis, and in bactericidal/tumoricidal activities. It also serves as a receptor for human coronaviruses (HCV). The lineage-restricted pattern of expression of CD13 within the hemopoletic compartment suggests that it may be important in myeloid cell differentiation. Immunogen KG-1 myeloid cells Notes This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. Product Application Details Applications Recommended Dilutions Flow Cytometry, Immunohistochemistry, Immunocytochemistry, Immunofluorescence, Immunofluore	Gene Symbol	ANPEP	
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Notes This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. Product Application Details Applications Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready, Immunofluorescence Recommended Dilutions Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunofluorescence, Immunohistochemistry-Frozen, Immunofluorescence, CyTOF-ready		(also known as aminopeptidase-N). The CD13 antigen is present on most cells of myeloid origin including granulocytes, monocytes, mast cells, and GM-progenitor cells. It is also expressed by the majority of AML, CML in myeloid blast crisis, and in a smaller fraction of lymphoid leukemias. CD13 is absent from normal lymphocytes, platelets and erythrocytes. CD13 is also present on fibroblasts; endothelial cells, epithelial cells from renal proximal tubules and intestinal brush border, bone marrow stromal cells, osteoclasts, and cells lining bile duct canaliculi. CD13 is identical to aminopeptidase N (APN), a prominent membrane-bound metalloprotease present on the surface of intestinal brush border and renal tubules. CD13 plays a role in metabolism of biologically active peptides, in phagocytosis, and in bactericidal/tumoricidal activities. It also serves as a receptor for human coronaviruses (HCV). The lineage-restricted pattern of expression of CD13 within the hemopoietic compartment suggests that it may be important in myeloid cell differentiation.	
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Applications Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready, Immunofluorescence Recommended Dilutions Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen, Immunofluorescence, CyTOF-ready	Notes	volume of this product. The volume will be greater than or equal to the unit size	
Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready, Immunofluorescence Recommended Dilutions Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen, Immunofluorescence, CyTOF-ready	Product Application Details		
Immunofluorescence, Immunohistochemistry-Frozen, Immunofluorescence, CyTOF-ready		Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready,	
Application Notes Optimal dilution of this antibody should be experimentally determined.	Recommended Dilutions	Immunofluorescence, Immunohistochemistry-Frozen, Immunofluorescence,	
	Application Notes	Optimal dilution of this antibody should be experimentally determined.	





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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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