Product Datasheet

PD-ECGF/Thymidine Phosphorylase Antibody (PGF 44C) - BSA Free

NB100-2737

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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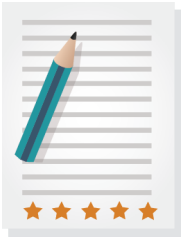
Updated 10/23/2024 v.20.1



NB100-2737

PD-ECGF/Thymidine Phosphorylase Antibody (PGF 44C) - BSA Free

Product Information

Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	PGF 44C
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS
Target Molecular Weight	55 kDa

Product Description

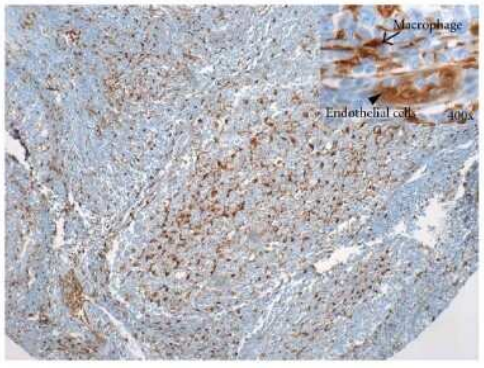
Host	Mouse
Gene ID	1890
Gene Symbol	TYMP
Species	Human
Immunogen	Full length human protein in E. coli

Product Application Details

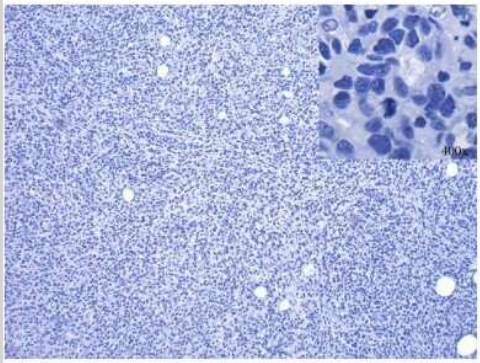
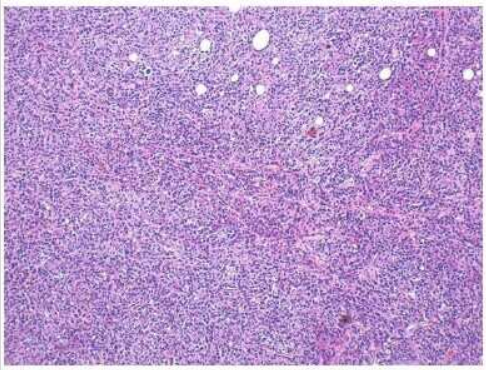
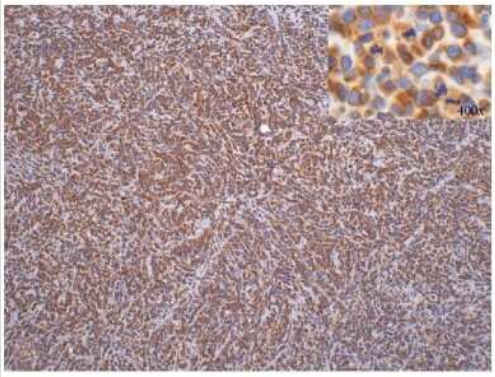
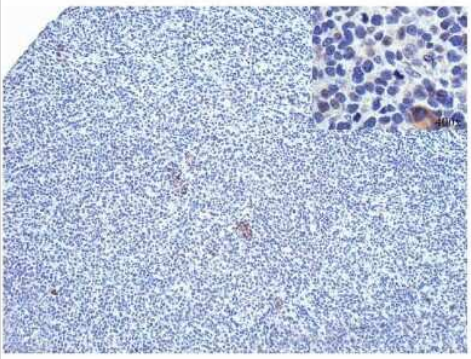
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunoprecipitation 1:10 - 1:500
Application Notes	PGF 44C blocks enzyme activity. Positive control(s): HUVEC cell or breast carcinoma.

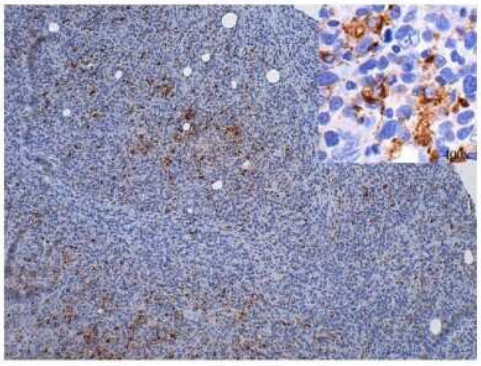
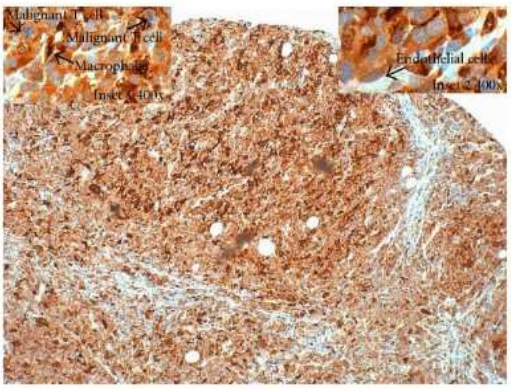
Images

Immunohistochemistry: PD-ECGF/Thymidine Phosphorylase Antibody (PGF 44C) [NB100-2737] - Immunohistochemical staining of thymidine phosphorylase (TP) expression and related markers in benign lymph node. In benign lymph node, TP expression highlights the meshwork of macrophages (arrow in inset; 400x) and endothelial cells (arrowhead in inset; 400x). Images are from an Olympus BX41 microscope (Olympus Corp., Tokyo, Japan) processed with Qcapture Pro 5.1 (QImaging, Surrey, BC, Canada). Image collected and cropped by CiteAb from the following publication (https://www.hindawi.com/journals/ah/2011/875135/) licensed under a CC-BY license.



(a)

Immunohistochemistry: PD-ECGF/Thymidine Phosphorylase Antibody (PGF 44C) [NB100-2737] - Immunohistochemical staining of thymidine phosphorylase (TP) expression and related markers in benign lymph node in lymph node with malignant mycosis fungoides/Sezary syndrome cells (LN-MF). CD21 is negative in this case of LN-MF. Images are from an Olympus BX41 microscope (Olympus Corp., Tokyo, Japan) processed with Qcapture Pro 5.1 (QImaging, Surrey, BC, Canada). Image collected and cropped by CiteAb from the following publication (https://www.hindawi.com/journals/ah/2011/875135/) licensed under a CC-BY license.	 (f)
Immunohistochemistry: PD-ECGF/Thymidine Phosphorylase Antibody (PGF 44C) [NB100-2737] - Immunohistochemical staining of thymidine phosphorylase (TP) expression and related markers in benign lymph node in lymph node with malignant mycosis fungoides/Sezary syndrome cells (LN-MF). LN-MF: hematoxylin and eosin (H&E) stain. Images are from an Olympus BX41 microscope (Olympus Corp., Tokyo, Japan) processed with Qcapture Pro 5.1 (QImaging, Surrey, BC, Canada). Image collected and cropped by CiteAb from the following publication (https://www.hindawi.com/journals/ah/2011/875135/) licensed under a CC-BY license.	 (b)
Immunohistochemistry: PD-ECGF/Thymidine Phosphorylase Antibody (PGF 44C) [NB100-2737] - Immunohistochemical staining of thymidine phosphorylase (TP) expression and related markers in benign lymph node in lymph node with malignant mycosis fungoides/Sezary syndrome cells (LN-MF). CD3 highlights the malignant T cells and reactive T cells in LN-MF. Images are from an Olympus BX41 microscope (Olympus Corp., Tokyo, Japan) processed with Qcapture Pro 5.1 (QImaging, Surrey, BC, Canada). Image collected and cropped by CiteAb from the following publication (https://www.hindawi.com/journals/ah/2011/875135/) licensed under a CC-BY license.	 (c)
Immunohistochemistry: PD-ECGF/Thymidine Phosphorylase Antibody (PGF 44C) [NB100-2737] - Immunohistochemical staining of thymidine phosphorylase (TP) expression and related markers in benign lymph node in lymph node with malignant mycosis fungoides/Sezary syndrome cells (LN-MF). CD4 is weakly expressed in the malignant T cells in LN-MF. Images are from an Olympus BX41 microscope (Olympus Corp., Tokyo, Japan) processed with Qcapture Pro 5.1 (QImaging, Surrey, BC, Canada). Image collected and cropped by CiteAb from the following publication (https://www.hindawi.com/journals/ah/2011/875135/) licensed under a CC-BY license.	 (d)

Immunohistochemistry: PD-ECGF/Thymidine Phosphorylase Antibody (PGF 44C) [NB100-2737] - Immunohistochemical staining of thymidine phosphorylase (TP) expression and related markers in benign lymph node in lymph node with malignant mycosis fungoides/Sezary syndrome cells (LN-MF). CD68 highlights the macrophages in LN-MF. Images are from an Olympus BX41 microscope (Olympus Corp., Tokyo, Japan) processed with Qcapture Pro 5.1 (QImaging, Surrey, BC, Canada). Image collected and cropped by CiteAb from the following publication (https://www.hindawi.com/journals/ah/2011/875135/) licensed under a CC-BY license.	 (e)
Immunohistochemistry: PD-ECGF/Thymidine Phosphorylase Antibody (PGF 44C) [NB100-2737] - Immunohistochemical staining of thymidine phosphorylase (TP) expression and related markers in benign lymph node in lymph node with malignant mycosis fungoides/Sezary syndrome cells (LN-MF). TP highlights the macrophages (cytoplasmic/nuclear pattern, arrowhead in inset 1; 400x) and the malignant T cells (cytoplasmic pattern, arrow in inset 2; 400x) in a cytoplasmic staining pattern. Multiple mitotic figures are also noted in the malignant T cells. Images are from an Olympus BX41 microscope (Olympus Corp., Tokyo, Japan) processed with Qcapture Pro 5.1 (QImaging, Surrey, BC, Canada). Image collected and cropped by CiteAb from the following publication (https://www.hindawi.com/journals/ah/2011/875135/) licensed under a CC-BY license.	 (g)

Publications

Nie X, Bhat R, Al-Saleem ED et al. Expression of Thymidine Phosphorylase in Lymph Nodes Involved with Mycosis Fungoides and Sezary Syndrome. Advances in Hematology. 2011-01-01 [PMID: 22162690]

Novus Biologicals USA
10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada
21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd
19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information
www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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NBP1-84916PEP	PD-ECGF/Thymidine Phosphorylase Recombinant Protein Antigen

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