

Product Datasheet

DC-LAMP Antibody (1010E1.01) - Azide and BSA Free DDX0191P-100

Unit Size: 0.1 mg

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

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DDX0191P-100

DC-LAMP Antibody (1010E1.01) - Azide and BSA Free

Product Information

Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1010E1.01
Preservative	No Preservative
Isotype	IgG2a
Purity	Ion exchange chromatography
Buffer	Tris-NaCl (pH 8.0)

Product Description

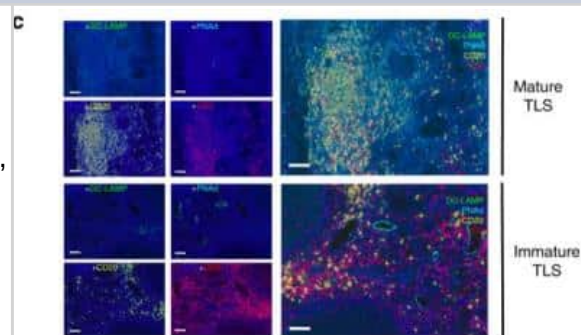
Host	Rat
Gene ID	27074
Gene Symbol	LAMP3
Species	Human, Mouse, Canine, Feline, Sheep
Reactivity Notes	Camelids, ferret (<i>Mustela putorius furo</i>) Mouse reactivity reported in scientific literature (PMID:32989251).
Immunogen	DC-LAMP/CD208 was used as immunogen.
Notes	This product is manufactured by Eurobio Scientific (formerly Dendritics) and distributed by Novus Biologicals.

Product Application Details

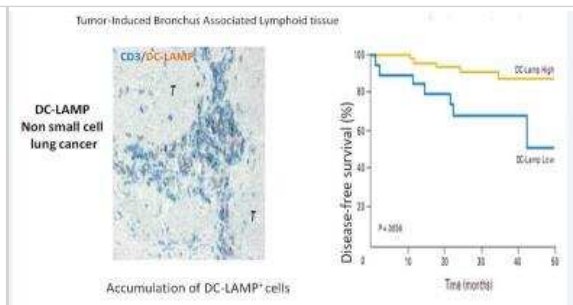
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:10-1:500

Images

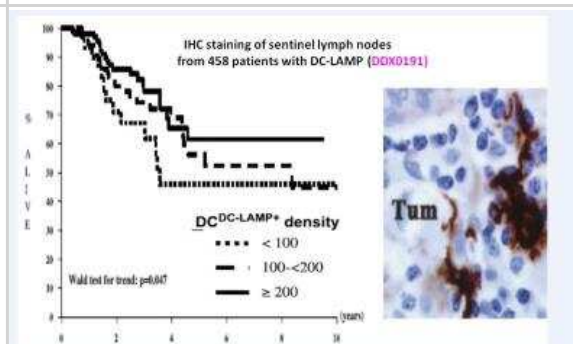
Immunohistochemistry: DC-LAMP Antibody (1010E1.01) [DDX0191P-100] - TLSs are highly organized structures in OSCC tissues and appear as clusters of B-cell follicles surrounded by T-cell zones and HEVs. c Representative multiplex IHC images showing immune cells of immature TLS and mature TLS samples by simultaneous staining of B cells (CD20, yellow), T cells (CD3, red), mature dendritic cells (DC-LAMP, green), high endothelial venules (PNAd, cyan) and the nuclear stain DAPI (blue) (x200, original magnification). Image collected and cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/32934197>) licensed under a CC-BY license.



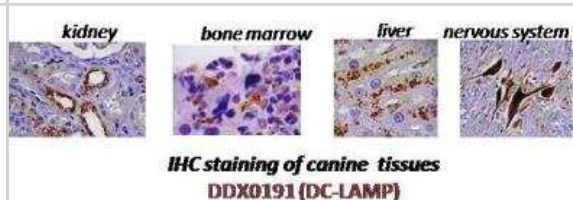
Immunohistochemistry-Paraffin: DC-LAMP Antibody (1010E1.01) [DDX0191P-100] - Paraffin embedded lung tumor section stained with DC-LAMP



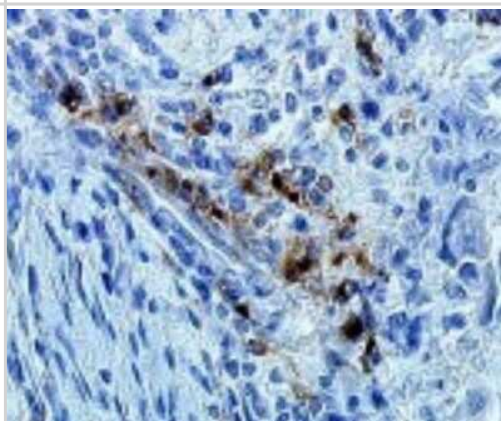
Immunohistochemistry-Paraffin: DC-LAMP Antibody (1010E1.01) [DDX0191P-100] - Staining of sentinel lymph nodes from 458 patients with DC-LAMP



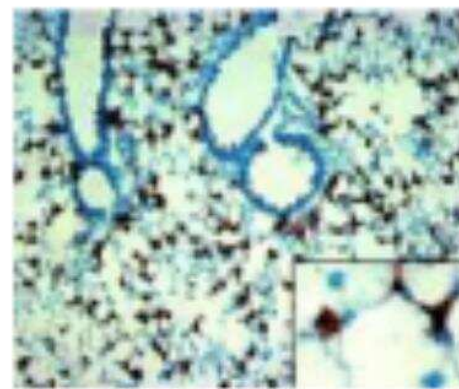
Immunohistochemistry-Paraffin: DC-LAMP Antibody (1010E1.01) [DDX0191P-100] - Paraffin staining of canine tissues



Immunohistochemistry: DC-LAMP Antibody (1010E1.01) [DDX0191P-100] - Analysis of human lymph node paraffin section with clone 1010E1 (DX0191)



Immunohistochemistry: DC-LAMP Antibody (1010E1.01) [DDX0191P-100] - IHC on mouse lung cryosection



Publications

Andrew M. Leader, John A. Grout, Barbara B. Maier, Barzin Y. Nabet, Matthew D. Park, Alexandra Tabachnikova et al. Single-cell analysis of human non-small cell lung cancer lesions refines tumor classification and patient stratification *Cancer Cell* 2021-12-01 [PMID: 34767762]

Warner BD, Carbognani A, Franco L et Al. LIGHTCURVE ANALYSIS OF THE NEAR-EARTH ASTEROID 2015 TB145 Minor Planet Bull 2016-01-01 [PMID: 32455372]

Warner BD, Harris AW, Pravec P et Al. LIGHTCURVE PHOTOMETRY OPPORTUNITIES: 2014 JULY-SEPTEMBER Minor Planet Bull 2014-01-01 [PMID: 32457962]

DC Liberti, MM Kremp, WA Liberti, IJ Penkala, S Li, S Zhou, EE Morrissey Alveolar epithelial cell fate is maintained in a spatially restricted manner to promote lung regeneration after acute injury *Cell Reports*, 2021-05-11;35(6):109092. 2021-05-11 [PMID: 33979629]

Callaway DA, Penkala IJ, Zhou S et Al. TGF- β controls alveolar type 1 epithelial cell plasticity and alveolar matrisome gene transcription in mice *J Clin Invest* 2024-03-15 [PMID: 38488000]

Tang F, Li J, Qi L et al. A pan-cancer single-cell panorama of human natural killer cells *Cell* 2023-01-01 [PMID: 37607536]

Kuo Liu, Xinfeng Meng, Zixin Liu, Muxue Tang, Zan Lv, Xiuzhen Huang, Hengwei Jin, Ximeng Han, Xiuxiu Liu, Wenjuan Pu, Huan Zhu, Bin Zhou Tracing the origin of alveolar stem cells in lung repair and regeneration. *Cell* 2024-03-27 [PMID: 38579712]

Niethamer, TK;Levin, LI;Morley, MP;Babu, A;Zhou, S;Morrissey, EE; Atf3 defines a population of pulmonary endothelial cells essential for lung regeneration *eLife* 2023-05-26 [PMID: 37233732]

Shu DH, Ho WJ, Kagohara LT et al. Immune landscape of tertiary lymphoid structures in hepatocellular carcinoma (HCC) treated with neoadjuvant immune checkpoint blockade *bioRxiv* : the preprint server for biology 2023-10-26 [PMID: 37904980]

Nakhli R, Zhang A, Farahani H et al. VOLTA: an Environment-Aware Contrastive Cell Representation Learning for Histopathology Research *Square* 2023-04-14 (IHC-P, Human)

Basil MC, Cardenas-Diaz FL, Kathiriya JJ et al. Human distal airways contain a multipotent secretory cell that can regenerate alveoli *Nature* 2022-04-07 [PMID: 35355013]

Sawada J, Hiraoka N, Qi R et al. Molecular Signature of Tumor-Associated High Endothelial Venules That Can Predict Breast Cancer Survival *Cancer immunology research* 2022-04-01 [PMID: 35201289] (IHC-P, Human)

Details:
Human tonsils

More publications at <http://www.novusbio.com/DDX0191P-100>



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Products Related to DDX0191P-100

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
F0105B	Goat anti-Rat IgG Secondary Antibody [Phycoerythrin]
NBP2-21947-0.1mg	Rat IgG2a Isotype Control (2A3)
NBP2-52299-0.05mg	Recombinant Human DC-LAMP His Protein

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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