

Product Datasheet

Ornithine Decarboxylase Antibody (ODC1/485) NBP2-32887-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-32887-0.1mg

Ornithine Decarboxylase Antibody (ODC1/485)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	ODC1/485
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	53 kDa

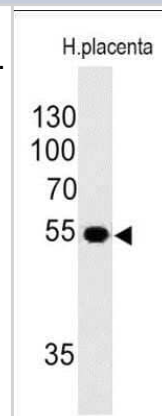
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-34700) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	4953
Gene Symbol	ODC1
Species	Human, Mouse, Rat
Immunogen	Recombinant full-length human Ornithine Decarboxylase protein (Uniprot: P11926)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.5-1 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 0.25-0.5 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 0.25-0.5ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

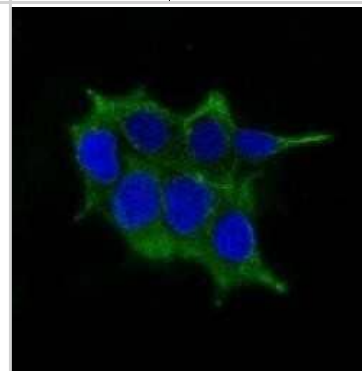


Images

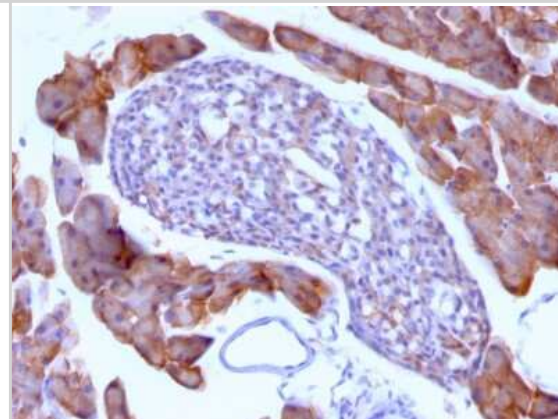
Western Blot: Ornithine Decarboxylase Antibody (ODC1/485) [NBP2-32887] - Analysis using the Azide and BSA Free version of NBP2-32887. Detection of ODC1 in human placental lysate



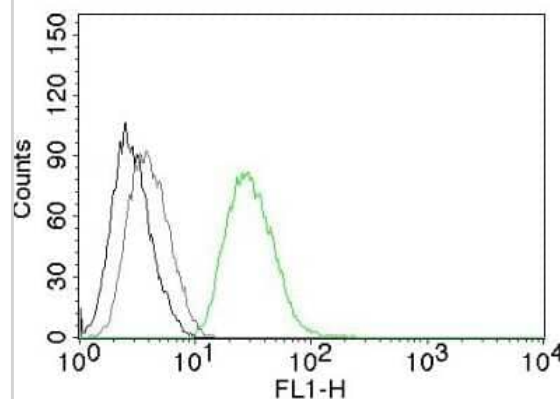
Immunocytochemistry/Immunofluorescence: Ornithine Decarboxylase Antibody (ODC1/485) [NBP2-32887] - IF staining of LNCap cells using AF488 labeled ODC1 Monoclonal Antibody (ODC1/485) (GREEN) DAPI was used to stain the cell nucleus (blue). Image using the Azide and BSA Free format of this antibody.



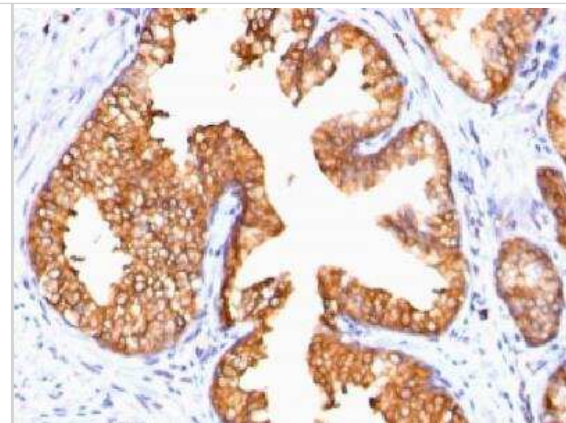
Immunohistochemistry-Paraffin: Ornithine Decarboxylase Antibody (ODC1/485) [NBP2-32887] - Formalin-fixed, paraffin-embedded Mouse Pancreas stained with Ornithine Decarboxylase Antibody (ODC1/485).



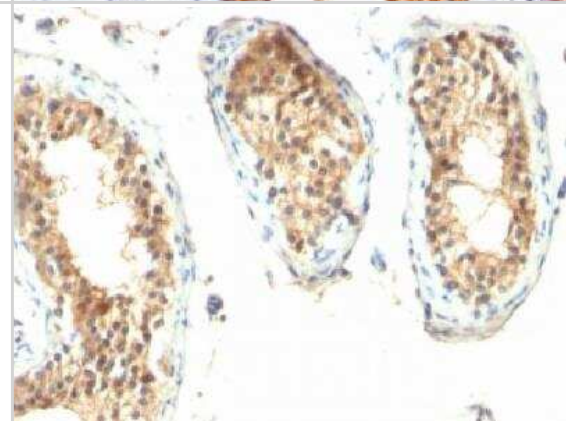
Flow Cytometry: Ornithine Decarboxylase Antibody (ODC1/485) [NBP2-32887] - Flow Cytometric Analysis of human ODC-1 in PC3 cells. Black: cells alone; Grey: Isotype Control; Green: AF488-labeled Ornithine Decarboxylase antibody (ODC1/485).



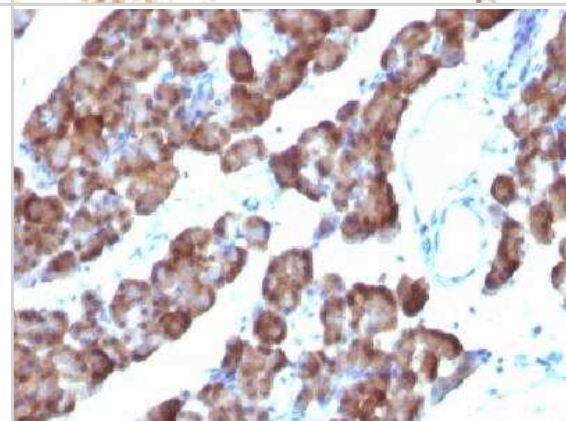
Immunohistochemistry-Paraffin: Ornithine Decarboxylase Antibody (ODC1/485) [NBP2-32887] - Formalin-fixed, paraffin-embedded human prostate carcinoma with ODC-1 Monoclonal Antibody (ODC1/485)



Immunohistochemistry-Paraffin: Ornithine Decarboxylase Antibody (ODC1/485) [NBP2-32887] - Formalin-fixed, paraffin-embedded human Testicular carcinoma with ODC-1 Monoclonal Antibody (ODC1/485)



Immunohistochemistry-Paraffin: Ornithine Decarboxylase Antibody (ODC1/485) [NBP2-32887] - Formalin-fixed, paraffin-embedded Rat pancreas stained with ODC1 Monoclonal Antibody (ODC1/485)



Publications

Fong LY, Huebner K, Jing R et al. Zinc treatment reverses and anti-Zn-regulated miRs suppress esophageal carcinomas in vivo Proceedings of the National Academy of Sciences of the United States of America 2023-05-16 [PMID: 37155893]

Tao L, Moreno-Smith M, Ibarra-Garcia-Padilla R Et al. CHAF1A Blocks Neuronal Differentiation and Promotes Neuroblastoma Oncogenesis via Metabolic Reprogramming Advanced science (Weinheim, Baden-Wurttemberg, Germany) 2021-08-08 [PMID: 34365742] (WB)



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Products Related to NBP2-32887-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-72494-50ug	Recombinant Human Ornithine Decarboxylase 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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