

Product Datasheet

ACE-2 Antibody (MSVA-919R)

NBP3-52491-0.1ml

Unit Size: 0.1 ml

Store at 4°C.

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NBP3-52491-0.1ml

ACE-2 Antibody (MSVA-919R)

Product Information

Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4°C.
Clonality	Monoclonal
Clone	MSVA-919R
Preservative	<0.1% Sodium Azide
Isotype	IgG
Purity	Protein A or G purified
Buffer	10mM PBS with <1% BSA

Product Description

Description	This antibody is highly specific and optimized for use in Immunohistochemistry. It has been validated on TMAs covering 76 normal tissues and numerous cancer tissues. The antibody concentration is optimized for dilution within dilution range using commercially available antibody diluent for immunohistochemistry. Positive Control Kidney: Cells of proximal tubuli should show a moderate to strong ACE2 immunostaining with accentuation of the staining at the apical membrane. Negative Control Kidney: Cells of distal tubuli and glomeruli should not show ACE2 immunostaining. Storage Antibody can be stored at 4°C. For extended storage, aliquot and store at -20°C. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Gene ID	59272
Gene Symbol	Q9BYF1, ACE2
Species	Human
Immunogen	Recombinant fragment (around aa705-805) of human ACE2 (exact sequence is proprietary)

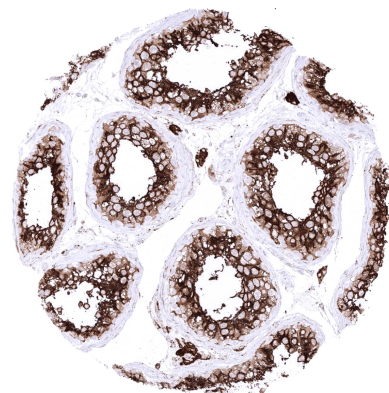
Product Application Details

Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 1:100 - 1:200

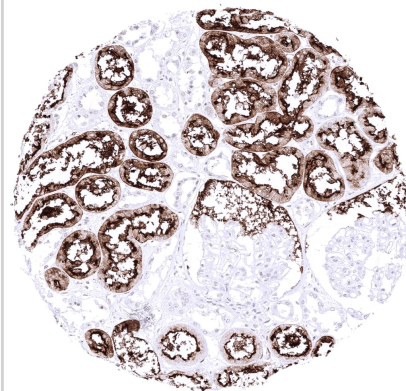


Images

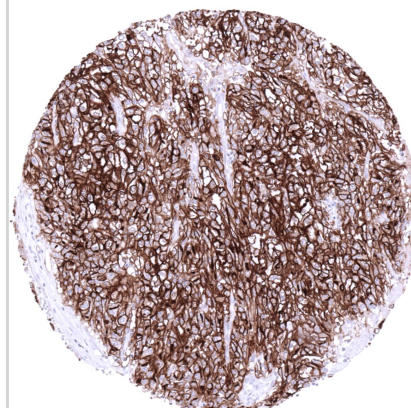
Leydig cells and spermatocytes of the testis show a particularly strong ACE2 immunostaining in the testis.



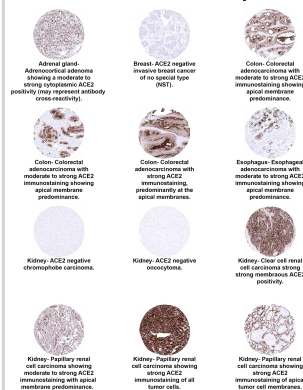
A strong ACE2 immunostaining occurs in proximal tubuli of the kidney.



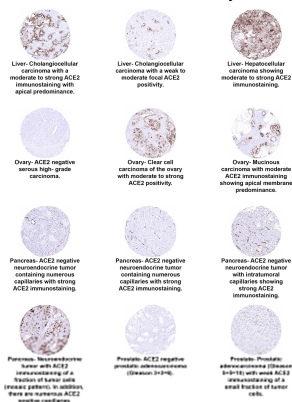
Clear cell renal cell carcinoma strong membranous ACE2 positivity.



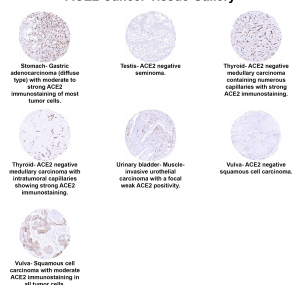
ACE2 Cancer Tissue Gallery



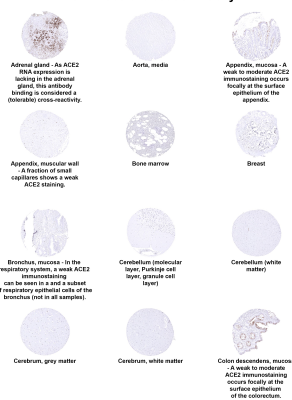
ACE2 Cancer Tissue Gallery



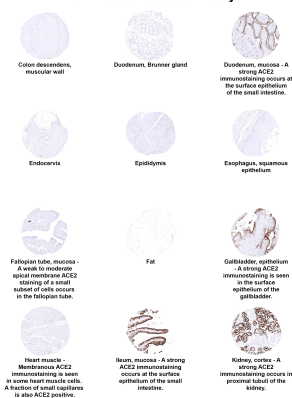
ACE2 Cancer Tissue Gallery



ACE2 Normal Tissue Gallery



ACE2 Normal Tissue Gallery



ACE2 Normal Tissue Gallery



Kidney, medulla



Liver



Lung - In the respiratory system, a weak ACE2 immunostaining can be seen at apical cell membrane of the alveolar pneumocytes.



Lymph node



Ovary, corpus advent - Strong ACE2 staining in the vast majority of cells.



Ovary, stroma



Pancreas - Endodermal cells of small capillaries show a more intense ACE2 positivity in or near the islets of Langerhans than in the exocrine parts of the pancreas.



Parathyroid gland



Parotid gland



Placental junction, anterior lobe



Placental junction, posterior lobe



Placenta junction and chorion - A fraction of chorion cells shows weak to moderate ACE2 positivity.

ACE2 Normal Tissue Gallery



Placenta, early - A moderate ACE2 membranous immunostaining is seen in the cytotrophoblast while a weaker membranous staining may also be seen of the syncytiotrophoblast.



Placenta, mature - A moderate membranous ACE2 immunostaining is seen in the cytotrophoblast while a weaker membranous staining may also be seen of the syncytiotrophoblast.



Prostate



Rectum, mucosa - A weak to moderate ACE2 immunostaining occurs locally at the surface epithelium of the colon/rectum.



Seminal vesicle - A weak to moderate apical membrane staining of a small subset of cells occurs in the seminal vesicle.



Sinus paranasalis - In the respiratory system, a weak ACE2 immunostaining can be seen in a subset of respiratory epithelial cells of the nasal sinuses (not in all samples).



Skeletal muscle



Skin



Spleen



Stomach, antrum



Stomach, corpus - A limited number of cells of the stomach surface epithelium show a weak to moderate ACE2 staining.



Stomach, corpus

ACE2 Normal Tissue Gallery



Testis - Leydig cells and spermatocytes of the testis show a particularly strong ACE2 immunostaining in the nuclei.



Thymus



Thyroid gland - A strong ACE2 staining is seen in endothelial cells of small blood vessels.



Tonsil, surface epithelium



Tonsil



Urinary bladder, muscular wall



Urinary bladder, urethrum



Uterus, ectocervix



Uterus, endometrium (pregnancy) - A strong ACE2 immunostaining can be seen in a fraction of decidual cells.



Uterus, endometrium (proliferation)



Uterus, endometrium (secretion)



Uterus, myometrium - A fraction of small capillaries shows a weak ACE2 staining.



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Products Related to NBP3-52491-0.1ml

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-76614PEP	ACE-2 Antibody Blocking Peptide

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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