antibodies

Datasheet for ABIN7477579 Recombinant anti-S100P antibody (C-Term)



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Images

Overview	
Quantity:	1 mL
Target:	S100P
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This S100P antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fragment corresponding to C-terminal of human S100P protein
Clone:	MSVA-480R
Isotype:	lgG

Target Details

Target:	S100P
Alternative Name:	S100P (S100P Products)
Background:	Migration inducing gene 9 (MIG9), S100E, S100 calcium binding protein P,S100P antibody validated for immunohistochemistry on 76 different Normal Tissues

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Target Details

UniProt:	P25815
Pathways:	Regulation of Muscle Cell Differentiation, Toll-Like Receptors Cascades, S100 Proteins

Application Details

Application Notes:	IHC 1:100-1:200
Comment:	Positive Control: Urinary bladder: A strong S100P immunostaining should be seen in the urothelium but not in the stroma or muscular cells.
	Negative Control: Kidney: S100P immunostaining should be completely absent.
Protocol:	Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121 °C in pH 7,8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:150 at 37 °C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody
	is stable for 24 months. Non- hazardous.

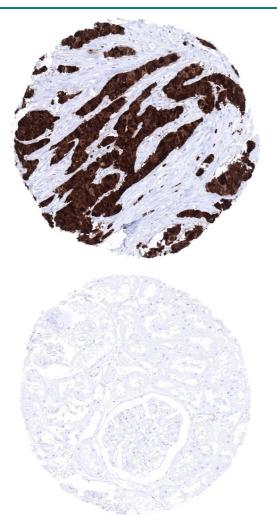
Images



Immunohistochemistry

Image 1. Urinary bladder urothelium A strong S100P immunostaining is seen in the urothelium

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Immunohistochemistry

Image 2. Muscle invasive urothelial carcinoma of the urinary bladder showing a strong S100P immunostaining of tumor cells

Immunohistochemistry

Image 3. Kidney cortex S100P immunostaining is completely lacking in the kidney

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