Datasheet for ABIN7091657

anti-S100P antibody

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Overview

Quantity:	100 µL
Target:	S100P
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This S100P antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human S100P
Clone:	E10A6
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	S100P
Alternative Name:	S100P (S100P Products)
Background:	Synonyms: MIG9, Migration inducing gene 9, Protein S100-E, Protein S100-P, Protein S100P, S100 calcium binding protein P, S100 calcium-binding protein P, S100 P, S100E, S100P,

Target Details

	S100P_HUMAN. Background: The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21, however, this gene is located at 4p16. This protein, in addition to binding Ca2+, also binds Zn2+ and Mg2+. This protein may play a role in the etiology of prostate cancer. [provided by RefSeq]
Gene ID:	6286
UniProt:	P25815
Pathways:	Regulation of Muscle Cell Differentiation, Toll-Like Receptors Cascades, S100 Proteins

Application Details

Application Notes:	IHC-P 1:200-400
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months