

Product Datasheet

SERPINA1 Antibody (orb2309843)

Catalog Number	orb2309843
Category	Antibodies
Description	SERPINA1 Antibody
Target	SERPINA1
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG2b
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml.
Purification	Protein A
Immunogen	Recombinant fragment (around aa200-400) of human SERPINA1 protein (exact sequence is proprietary)
UniProt ID	P01009
MW	55kDa
Tested applications	IHC, WB
Specificity	Ubiquitous. Expressed in leukocytes and plasma.

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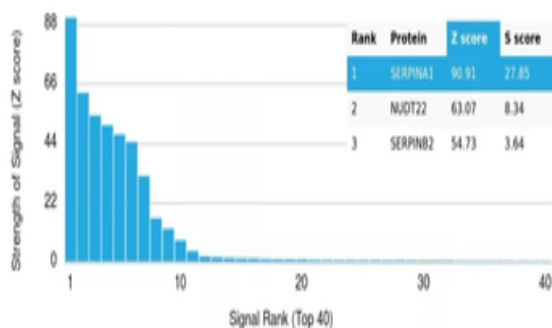
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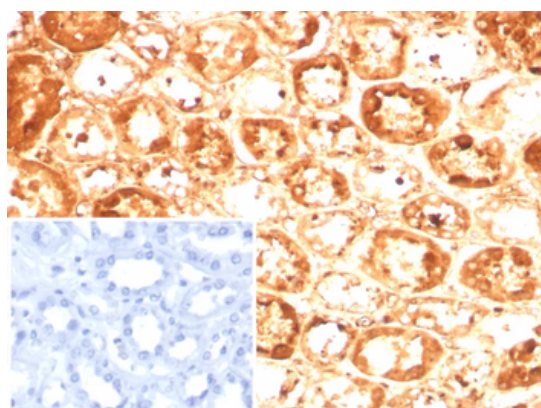
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Clone Number	AAT/8909
Expression System	Bioreactor
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Analysis of Protein Array containing more than 19000 full-length human proteins using Alpha-1-Antitrypsin Mouse Monoclonal (AAT/8909). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



Formalin-fixed, paraffin-embedded human kidney stained with Alpha-1-Antitrypsin Mouse Monoclonal (AAT/8909). Inset: PBS instead of primary antibody; secondary only negative control.

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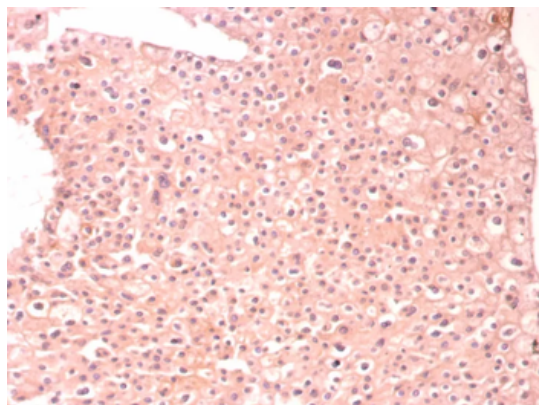
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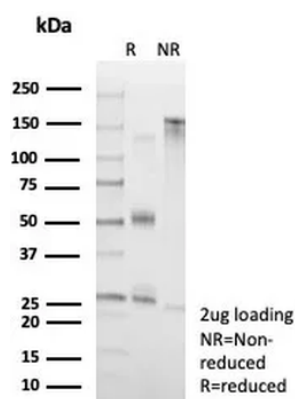
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Formalin-fixed, paraffin-embedded human renal cell carcinoma stained with Alpha-1-Antitrypsin Mouse Monoclonal (AAT/8909).
HIER: Tris/EDTA, pH9.0, 45 min. 2°C: HRP-polymer, 30 min.
DAB, 5 min.



SDS-PAGE Analysis of Purified Alpha-1-Antitrypsin Mouse Monoclonal (AAT/8909). Confirmation of Purity and Integrity of Antibody.

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