SERBP1 / PAI-RBP1 Antibody

Mouse Monoclonal Antibody [Clone SERBP1/3494]

Catalog No	Format	Size
26135-MSM4-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
26135-MSM4-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
26135-MSM4-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

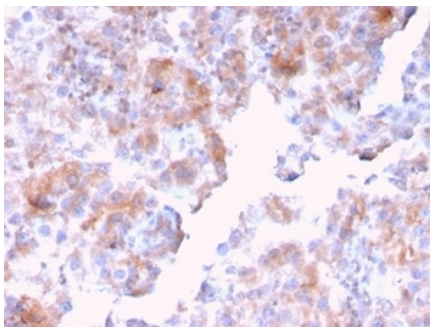
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

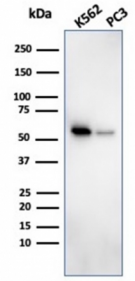
Clone	SERBP1/3494
Gene Name	SERBP1
Immunogen	Recombinant fragment of human SERBP1 protein (around aa3-139) (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	60kDa
Cellular Localization	Cytoplasm, Nucleus, Perinuclear region
Species Reactivity	Human
Positive Control	K562 or PC3 cells. Human kidney or bladder tissue (IHC).

**Optimal dilution for a specific application should be determined.*

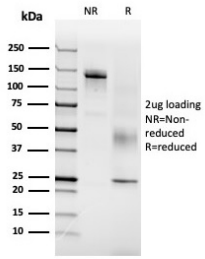
Product Images for SERBP1 / PAI-RBP1 Antibody



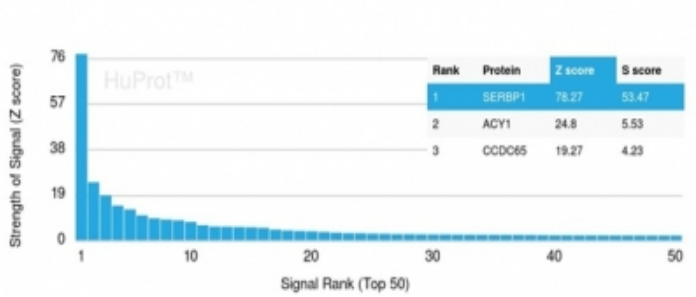
Formalin-fixed, paraffin-embedded human kidney stained with SERBP1 Mouse Monoclonal Antibody (SERBP1/3494).



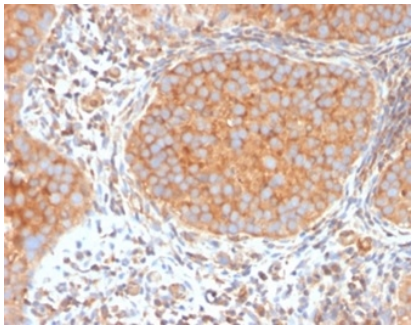
Western Blot Analysis of K562 and PC3 cell lysates using SERBP1 Mouse Monoclonal Antibody (SERBP1/3494).



SDS-PAGE Analysis Purified SERBP1 Mouse Monoclonal Antibody (SERBP1/3494). Confirmation of Purity and Integrity of Antibody.



Analysis of Protein Array containing more than 19,000 full-length human proteinsusing SERBP1 Mouse Monoclonal Antibody (SERBP1/3494). 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 HuProtTM 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 HuProtTM 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 urothelial carcinoma stained with SERBP1 Mouse Monoclonal Antibody (SERBP1/3494).

Specificity & Comments

SERBP1 is a membrane-associated protein that localizes to the nucleus, the perinuclear region of the cytoplasm and the plasma membrane. It is believed to play a role in the regulation of mRNA stability, as it specifically binds to the CRS (cyclic nucleotide-responsive sequence) motif of the PAI-1 mRNA and acts to stabilize the mRNA and regulate its expression. In addition, SERBP1 interacts with Mi2-? and may be involved in chromatin remodeling. It also interacts with PGRMC1 and participates in the transduction of Progesterone s antiapoptotic action in ovarian cell types. SERBP1 is overexpressed in ovarian cancer, suggesting a possible role in tumorigenesis and tumor metastasis.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

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. No MSDS required.

Research Areas

Ovarian Cancer

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

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