

Heparanase-1 3/17 Monoclonal Antibody | anti-HEP-1 3/17 antibody

Mouse Anti Human Heparanase-1 3/17

CATALOG # AAA37910	APPLICATIONS Immunohistochemistry, Western Blot
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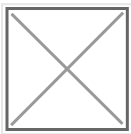
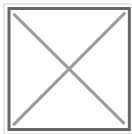
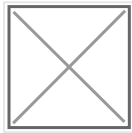
PRODUCT SYNONYMS

Heparanase-1 3/17; Monoclonal Antibody; Mouse Anti Human Heparanase-1 3/17; Heparanase 1 Clone HP3/17; Heparanase 1 (HPA1); InSight Monoclonal Anti-Human Antibody; anti-HEP-1 3/17 antibody

PRODUCT SPECIFICATIONS

Clonality	Monoclonal
Isotype	Mouse IgG2B?
Specificity	HP3/17 reacts with the 50 kDa subunit and with the 65 kDa precursor of human or mouse Heparanase by Western blotting and immunohistochemistry. Recommended dilution range for Western blot analysis: 1:4000. Recommended dilution range for immunohistochemistry: 1:40.
Purity/Purification	>98% on SDS-PAGE when loaded 50 ug/lane
Form/Format	Each vial contains 50, 100 or 150 ug in 12.5, 25 or 37.5 ul respectively, of 0.22 micron filtered solution of 20 mM Sodium Phosphate; 150 mM NaCl; pH 7.2, containing 0.01% Thimerosal.
Applicable Applications for anti-HEP-1 3/17 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Source Note	Mab HP3/17 is a Protein G affinity purified monoclonal antibody raised against a polypeptide from the 50 kDa subunit of Heparanase.
Patents	Anti-heparanase antibodies and their uses, including HP3/17 and its uses, are protected by US. Patents No. 6,177,545; 6,531,129, additional US patent applications and patents and patent applications worldwide.
Preparation and Storage	Store at 4 degree C. Stable for six months from the date of shipment. For extended storage, freeze in working aliquots at -20 degree C. Avoid repeated freeze-thaw cycles.

IMAGES

Application Data		Application Data	
Application Data		Application Data	

ADDITIONAL INFORMATION

Related Product Information for anti-HEP-1 3/17 antibody	<p>Heparanase is an endo-beta-D-glucuronidase, which degrades heparan sulfate side chains of heparan sulfate proteoglycans (HSPGs) in the extracellular matrix. Heparanase plays an important role in ECM degradation, facilitating the migration and extravasation of tumor cells and inflammatory leukocytes (1,2,3). Upon degradation, heparanase releases growth factors and cytokines that stimulate cell proliferation and chemotaxis (4,5).</p> <p>Heparanase is a heterodimer comprised of a 50 kDa subunit harboring the active site and a 8 kDa subunit. It is produced as a latent 65 kDa precursor and proteolytically processed to its active form (1,6).</p> <p>Heparanase is highly expressed in myeloid leukocytes (i.e. neutrophils) in platelets and in human placenta. Human heparanase was found to be upregulated in various types of primary tumors, correlating in some cases with increased tumor invasiveness and vascularity and with poor prospective survival (7,8).</p>
Product Categories/Family for anti-HEP-1 3/17 antibody	Monoclonal/Polyclonal Antibodies; Monoclonal Antibodies; Anti Human Enzyme

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/heparanase-1-3-17-antibody-immunohistochemistry-western-blot-elisa/37910>