

Datasheet for ABIN781659
anti-MMP11 antibody



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2 Images

Overview

Quantity:	0.25 mg
Target:	MMP11
Reactivity:	Human, Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MMP11 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Full length recombinant Human Stromelysin-3. Antigen, epitope: The epitope has not been further characterized.
Clone:	5ST-4A9
Isotype:	IgG1
Specificity:	Monoclonal antibody 5ST-4A9 recognizes Human Stromelysin-3. SL-3 (MMP-11) was originally isolated as a breast cancer associated gene. Antigen Distribution: Specifically expressed in stromal cells of breast carcinomas.
Purification:	Affinity Chromatography

Target Details

Target:	MMP11
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Target Details

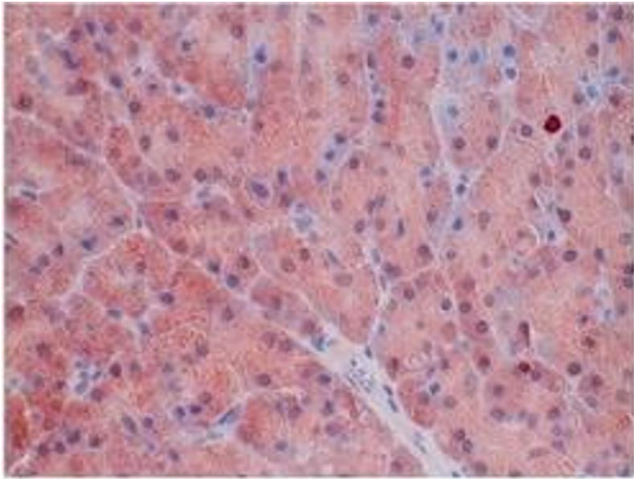
Alternative Name:	MMP-11 (MMP11 Products)
Background:	The MMP stromelysin-3 shares many similarities with other MMPs but also has several unique properties. It has little expression in adult organs under normal physiological conditions but is upregulated in a number of pathological processes such as tumor invasion and may also be involved in tumor initiation. During mammalian development, ST3 is expressed in many processes involving cell migration and tissue morphogenesis, especially where cell death takes place. Synonyms: MMP11, Matrix metalloproteinase-11, SL-3, ST3, STMY3, Stromelysin-3
Gene ID:	4320
NCBI Accession:	NP_005931
UniProt:	P24347

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

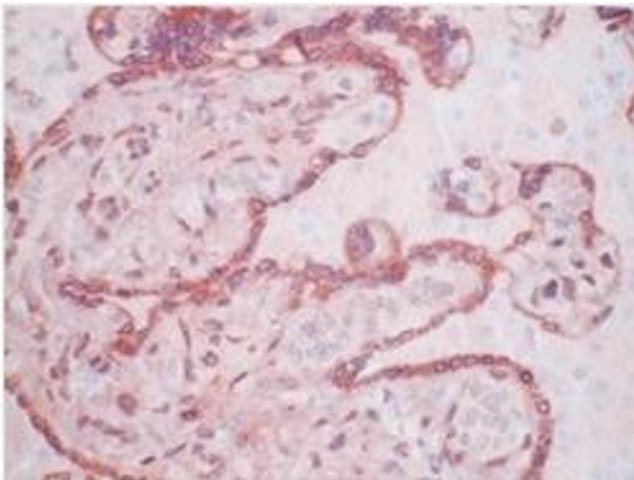
Handling

Reconstitution:	Restore by adding 0.5 mL distilled water
Concentration:	0.5 mg/mL
Buffer:	Stock solution contains 0.5 mg/mL IgG, PBS, pH 7.2 with 5 mg/mL BSA as stabilizer and 0.01 % Kathon as a preservative.
Preservative:	Kathon CG
Precaution of Use:	This product contains Kathon CG a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the lyophilized antibody at 2- 8 °C. Following reconstitution, store at -20 °C.



Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2.