

Datasheet for ABIN375617
anti-MMP 9 antibody



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1 Image

Overview

Quantity:	0.1 mg
Target:	MMP 9 (MMP9)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MMP 9 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant MMP-9
Clone:	SB15c
Isotype:	IgG2a
Characteristics:	The antibody detects: Human MMP-9 Does not cross react to human MMP-1, MMP-2 or MMP-3 To insure lot-to-lot consistency, each batch of product is tested by ELISA to conform with the characteristics of a standard reference reagent.
Purification:	Purified

Target Details

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Target Details

Alternative Name: MMP-9 ([MMP9 Products](#))

Background: Matrix metalloproteinases (MMPs) are a family of at least 20 structurally related, zinc-containing enzymes that have the ability to break down connective tissue. MMP-9 is also known as gelatinase B and 92 kDa gelatinase. MMP-9, along with MMP-2, belongs to the gelatinase group of MMPs which have three repeats of a type II fibronectin domain inserted in the catalytic domain. MMP-9 has shown direct and indirect substrate specificity to collagens IV, V, X and XIV, gelatin, elastin, proteoglycans, plasminogen, aggrecan, galectin-3, entactin, fibrillin, fibrin, IL-1 β , amyloid β peptide and myelin basic protein.

Pathways: [Cellular Response to Molecule of Bacterial Origin, Positive Regulation of Immune Effector Process, CXCR4-mediated Signaling Events](#)

Application Details

Application Notes: Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Sample Volume: 0,2 mL

Restrictions: For Research Use only

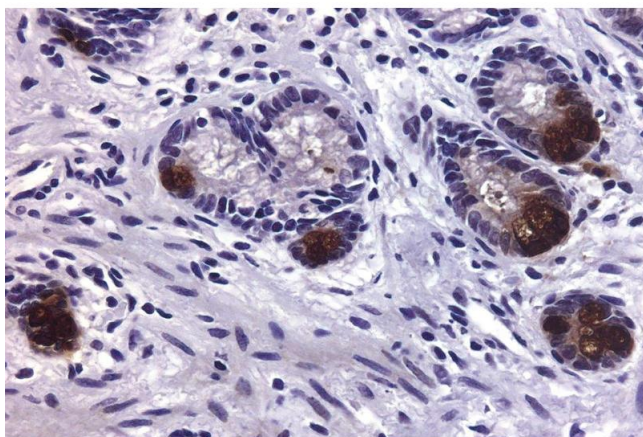
Handling

Buffer: Product is supplied as 0.1 mg purified immunoglobulin in 0.2 mL of 100 mM borate buffered saline, pH 8.2.

Preservative: Azide free

Handling Advice: Each reagent is stable for the period shown on the bottle label if stored as directed.

Storage: 4 °C



Immunohistochemistry

Image 1. Paraffin embedded human colon cancer tissue was stained with Mouse Anti-Human MMP-9-UNLB, DAB, and hematoxylin.