DATASHEET

MMP-9 Rabbit Monoclonal Antibody (ARM526)

CAT. NO. ARM6816

KEY FEATURES

Target	MMP-9	**Clone ID**	ARM526
Source / Host	Rabbit	**Reactivity**	Human
Applications	IHC	**Dilution**	1:50-1:200
Clonality	Monoclonal	**Storage**	at-20°C

BACKGROUND

Matrix Metalloproteinase-9 (MMP-9), also known as 92-kDa Type IV Collagenase or Gelatinase B, is a member of a family of proteins involved in degradation of the extracellular matrix (ECM). After activation in inflammatory tissues, MMP-9 is produced by neutrophils, macrophages, mast cells, and stromal cells. It has also been reported that the protein may have a crucial role in angiogenesis and neovascularization. As degradation of collagen IV in the basement membrane and ECM promotes tumour progression, including invasion, metastasis, growth, and angiogenesis, MMP-9 is involved in the development of several human malignancies. Overexpression of MMP-9 has been reported in a number of different cancers, including those of the breast and colon, as well as gastric and nasopharyngeal cancers.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

Application	IHC
Dilution Ratio	1:50-1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Antibody Type	Primary antibodies
Isotype	IgG
Positive Control	Tonsil, Lymphoblastic Lymphoma, DiffuseLarge B-Cell lymphoma
Localization	Cytoplasmic
Form/Buffer	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Purification	Purified
Conjugation	Unconjugated
Alternative Names	Matrix metalloproteinase-9, Gelatinase B
Gene Symbol	MMP9
Entrez Gene	4318
Uniprot	P14780

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

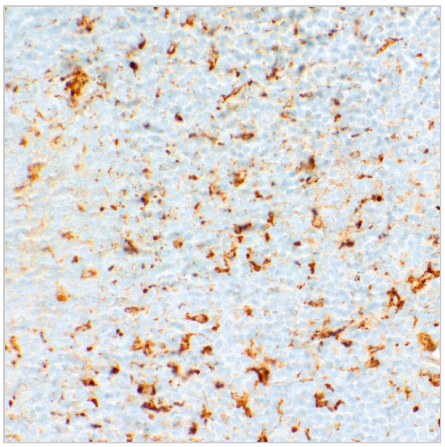
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA



Immunohistochemical staining of human diffuse large B-cell lymphoma tissue using MMP-9 Rabbit Monoclonal Antibody (ARM526).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com