

Datasheet

MMP1 MaxPab mouse polyclonal antibody (B01)

Catalog Number: H00004312-B01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human MMP1 protein.

Immunogen: MMP1 (NP_002412, 1 a.a. ~ 469 a.a) full-length human protein.

Sequence:

MHSFPPLLLLLFWGVVSHSFPATLETQEQDVDLVQKY
LEKYYNLKNDGRQVEKRRNSGPVVEKLKQMQUEFFGL
KVTGKPAETLKVMKQPRCGVPDVAQFVLTEGNPRW
EQTHLT YRIENYTPDLPRADV DHAIEKAFQLWSNVTP L
TFTKVSEGGADIMISFVRGDHRD NSPFDGPGGNLAHA
FQPGPGIGGDAHFDEDERWTNNFREYNLHRVAAHEL
GHSLGLSHSTDIGALMYPSTYFSGDVQLAQDDIDGIQA
IYGRSQNPVQPIGPQTPKACDSKLTFDAIT TIRGEVMFF
KDRFYMR TNPFYPEVELNFISVFWPQLPNGLEAAYEF
ADRDEVRRFFKGNKYWAVQGQNVLHGYPKDIYSSFGF
PRTVKHIDAALSEENTGKTYFFVANKY WRYDEYKRSM
DPGYPKMIAHDFPGIGHKVDVAFMKD GFFYFFHGT RQ
YKFDPKTKRILTLQKANSWFNCRKN

Host: Mouse

Reactivity: Human

Applications: WB-Ti, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4312

Gene Symbol: MMP1

Gene Alias: CLG, CLGN

Gene Summary: Proteins of the matrix

metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. This gene encodes a secreted enzyme which breaks down the interstitial collagens, types I, II, and III. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. Alternative splicing results in multiple transcript variants.[provided by RefSeq]