

Datasheet

MMP10 purified MaxPab mouse polyclonal antibody (B01P)

Catalog Number: H00004319-B01P

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human MMP10 protein.

Immunogen: MMP10 (NP_002416.1, 1 a.a. ~ 476 a.a) full-length human protein.

Sequence:

MMHLAFLVLLCLPVC SAYPLSGAAKEEDSNKDLAQQY
LEKYYNLEKDKVKQFRRKDSNLIVKKIQGMQKFLGLEVT
GKLDTDLTLEVMRKPRCGVPDVGHFSSFGMPKWRKT
HLTYRIVNYTPDLPRDAVDSAIEKALKVWEEVTPLTFS
RLYEGEADIMISFAVKEHGFYSFDGPGHSLAHAYPP
GPGLYGDIHFDDDEKWTEDASGTNLFVAAHELGHSL
GLFHSAANTEALMYPLYSFTELAQFRLSQDDVNGIQSL
YGPPPASTEELVPTKSVPSGSEMPAKCDPALSFDAIS
TLRGEYLFKKDRYFWRRSHWNPEPEFHLISAFWPSLP
SYLDAAYEVNSRDTVIFIKGNEFWAIRGNEVQAGYPR
GIHTLGFPTIRKIDAAVSDKEKKKTYFFAADKYWRFD
ENSQSMEQGFPRLIADDFPGVEPKVDAVLQAFGFFYF
FSGSSQFEFDPNARMVTHILKSNSWLHC

Host: Mouse

Reactivity: Human

Applications: WB-Ce, 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: In 1x PBS, pH 7.4

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

Entrez GeneID: 4319

Gene Symbol: MMP10

Gene Alias: SL-2, STMY2

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. The enzyme encoded by this gene degrades proteoglycans and fibronectin. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided by RefSeq]

References:

1. Identification of candidate circulating cisplatin-resistant biomarkers from epithelial ovarian carcinoma cell secretomes. Teng PN, Wang G, Hood BL, Conrads KA, Hamilton CA, Maxwell GL, Darcy KM, Conrads TP Br J Cancer. 2013 Oct 31. doi: 10.1038/bjc.2013.687.