

Product datasheet for **AM33485PU-N**

MMP17 Mouse Monoclonal Antibody [Clone ID: 12N24]

Product data:

Product Type:	Primary Antibodies
Clone Name:	12N24
Applications:	ELISA, Neutralize
Recommended Dilution:	ELISA: 1/1000-1/2000. Neutralization.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2
Clonality:	Monoclonal
Immunogen:	Recombinant Human MMP-17
Specificity:	This antibody recognizes Human MMP-17 by direct ELISA.
Formulation:	Sterile PBS State: Purified State: Lyophilized purified IgG fraction purified from Cell Culture Supernatant
Reconstitution Method:	Restore the antibody with 0.5 ml sterile PBS and the final concentration is 0.2 mg/ml.
Purification:	Protein G Chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	matrix metalloproteinase 17
Database Link:	Entrez Gene 4326 Human Q9ULZ9



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Background:

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 protein encoded by this gene is considered a member of the membrane-type MMP (MT-MMP) subfamily. However, this protein is unique among the MT-MMP's in that it is a GPI-anchored protein rather than a transmembrane protein. The protein activates MMP-2 by cleavage and is known to be expressed in brain, leukocytes, colon, ovary testis and breast cancer as well as in many transformed and non-transformed cell types. The protein exists in two isoforms: a GPI-anchored form and a second secreted form.

Synonyms:

Matrix metalloproteinase-17, MMP17, MT4MMP, Membrane-type matrix metalloproteinase 4