



Magic™ Anti-PAPPA monoclonal antibody, clone 20F2 (DCAB-TJ186)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a secreted metalloproteinase which cleaves insulin-like growth factor binding proteins (IGFBPs). It is thought to be involved in local proliferative processes such as wound healing and bone remodeling. Low plasma level of this protein ha
Specificity	Human PAPP-A subunit. Human PAPP-A antigen purified from placental blood is a heterotetrameric complex (htPAPP-A) consisting of two PAPP-A subunits and two proMBP subunits. Human PAPP-A antigen purified from atherosclerotic plaques is homodimeric (dPAPP-A)
Immunogen	Purified human PAPP-A/proMBP heterotetrameric complex (htPAPP-A)
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	20F2
Affinity Constant	Not Determined
Purification	> 90% pure (SDS-PAGE). Protein A Chromatography
Conjugate	Unconjugated
Applications	Suitable for use in Immunoassay. 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. Recommended pair for detection of htPAPP-A in sandwich immunoassay: Capture DCAB-TJ186

Detection DMABT-H4125MH

Format	Purified, Liquid
Concentration	8.9 mg/mL
Size	1 mg
Buffer	PBS, pH 7.4
Preservative	0.1% Sodium Azide
Storage	Store at 2-8°C.

GENE INFORMATION

Gene Name	PAPPA pregnancy-associated plasma protein A, pappalysin 1 [Homo sapiens (human)]
Official Symbol	PAPPA
Synonyms	PAPPA; pregnancy-associated plasma protein A, pappalysin 1; PAPA; DIPLA1; PAPP-A; PAPPA1; ASBABP2; IGFBP-4ase; pappalysin-1; IGF-dependent IGFBP-4 protease; aspecific BCL2 ARE-binding protein 2; pregnacy-associated plasma protein A; differentially placent
Entrez Gene ID	5069
Protein Refseq	NP_002572
UniProt ID	Q13219
Chromosome Location	9q33.2
Pathway	Metabolism of proteins, organism-specific biosystem; Regulation of Insulin-like Growth Factor (IGF) transport and uptake by Insulin-like Growth Factor Binding Proteins (IGFBPs), organism-specific biosystem
Function	endopeptidase activity; metallopeptidase activity; metallopeptidase activity; zinc ion binding