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anti-MMP19 antibody (C-Term)

3 Images



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Overview	

Quantity:	400 μL
Target:	MMP19
Binding Specificity:	AA 344-373, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMP19 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

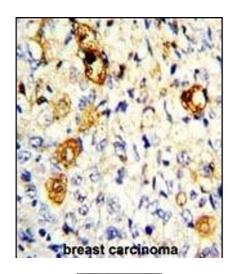
Immunogen:	This MMP19 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 344-373 amino acids from the C-terminal region of human MMP19.
Clone:	RB02035
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	MMP19
Alternative Name:	MMP19 (MMP19 Products)

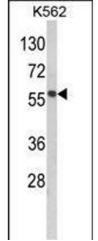
Target Details

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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 MMPs are secreted as inactive proproteins which are activated
	when cleaved by extracellular proteinases. The function of MMP19 has not been determined.
	This gene was previously referred to as MMP18 but has been renamed matrix
	metalloproteinase 19 (MMP19).
Molecular Weight:	57357
Gene ID:	4327
NCBI Accession:	NP_001259030, NP_002420
UniProt:	Q99542
Application Details	
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small
	aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



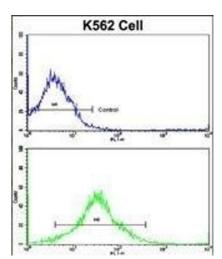
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human breast carcinoma with P19 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for iunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of hP19- (ABIN390142 and ABIN2840646) in K562 cell line lysates (35 μ g/lane). P19 (arrow) was detected using the purified Pab.



Flow Cytometry

Image 3. Flow cytometric analysis of K562 cells using P19 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goatanti-rabbit secondary antibodies were used for the analysis.