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Datasheet for ABIN7300992 anti-MMP10 antibody (C-Term)

3 Images



Overview

Quantity:	100 µL
Target:	MMP10
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMP10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Immunochromatography (IC)

Product Details

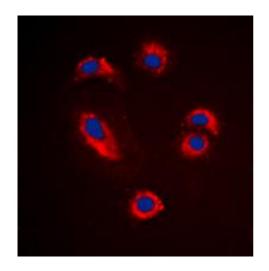
Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MMP10.
Specificity:	Recognizes endogenous levels of MMP10 protein.
Characteristics:	Rabbit polyclonal antibody to MMP10
Purification:	The antibody was purified by immunogen affinity chromatography.
Target Details	

Target:	MMP10
Alternative Name:	MMP10 (MMP10 Products)

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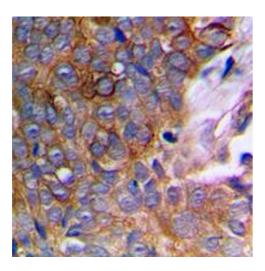
Target Details	
Background:	STMY2, Stromelysin-2, SL-2, Matrix metalloproteinase-10, MMP-10, Transin-2
Gene ID:	4319
UniProt:	P09238
Application Details	
Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500), FC (1:100 - 1:200)
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Format: Buffer:	Liquid Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and
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Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Buffer: Preservative:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide. Sodium azide
Buffer: Preservative:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide. Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
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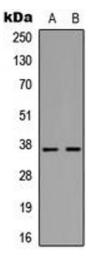
Validation report #103814 for Western Blotting (WB)



Immunofluorescence

Image 1. Immunofluorescent analysis of MMP10 staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell





nuclei (blue).

Immunohistochemistry

Image 2. Immunohistochemical analysis of MMP10 staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugad compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Western Blotting

Image 3. Western blot analysis of MMP10 expression in Jurkat (A), HepG2 (B) whole cell lysates.

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