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Datasheet for ABIN2706564

anti-MMP11 antibody (Center)

3 Images

Overview

Quantity:	200 µL
Target:	MMP11
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMP11 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MMP11.
Specificity:	Recognizes endogenous levels of MMP11 protein.
Characteristics:	Rabbit polyclonal antibody to MMP11
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	MMP11
Alternative Name:	MMP11 (MMP11 Products)

Target Details

Background: STMY3, Stromelysin-3, SL-3, ST3, Matrix metalloproteinase-11, MMP-11

Gene ID: 4320, 17385, 25481

UniProt: [P24347](#), [Q02853](#), [Q499S5](#)

Application Details

Application Notes: WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.

Preservative: Sodium azide

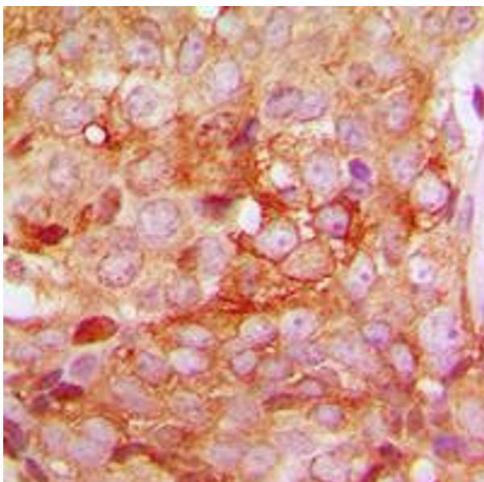
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

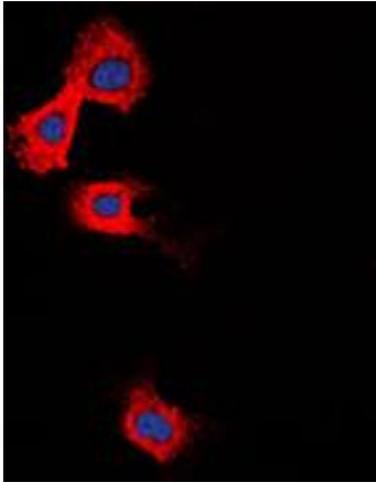
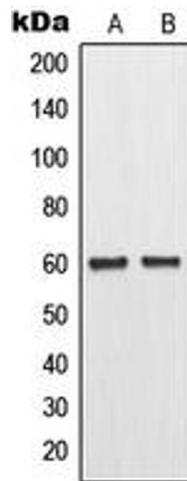
Expiry Date: 12 months

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of MMP11 staining in human breast 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 conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western Blotting

Image 2. Western blot analysis of MMP11 expression in MCF7 (A), Raw264.7 (B) whole cell lysates.

Immunofluorescence

Image 3. Immunofluorescent analysis of MMP11 staining in Raw264.7 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 humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).