

Anti-MMP-12 Antibody (20982)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	20982
Purification:	Affinity-chromatography

Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none">-Positive WB detected in: 293T whole cell lysate, MCF-7 whole cell lysate, THP-1 whole cell lysate-All lanes: MMP12 antibody at 1:1000-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution-Predicted band size: 55 kDa <p>-Observed band size: 54, 45 kDa</p> <p>2. IHC image of TMAH-00764 diluted at 1:100 and staining in paraffin-embedded human breast cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.</p>
Application:	ELISA,IHC,WB
Recommended	WB:1:500-1:5000; IHC:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human MMP12
Antigen Species:	Human
Gene ID:	4321
Uniprot ID:	P39900
Synonyms:	HME
Biology Area:	Cancer, Cardiovascular, Signal transduction

Research Background

May be involved in tissue injury and remodeling. Has significant elastolytic activity. Can accept large and small amino acids at the P1' site, but has a preference for leucine. Aromatic or hydrophobic residues are preferred at the

P1 site, with small hydrophobic residues (preferably alanine) occupying P3.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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