

Product Datasheet

MMP14 Antibody (N-term) (orb1930189)

Catalog Number	orb1930189
Category	Antibodies
Description	Purified Rabbit Polyclonal Antibody (Pab)
Target	MMP14
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Porcine
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Immunogen	This MMP14 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 145-174 amino acids from the N-terminal region of human MMP14. Antigen Region: 145-174 aa.
UniProt ID	P50281
MW	65894 Da
Tested applications	FC, IHC-P, WB
Dilution range	WB - 1:2000, IHC-P - 1:25, FC - 1:10-50

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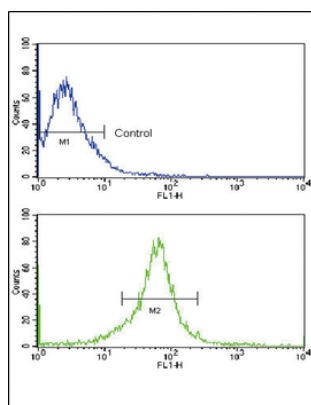
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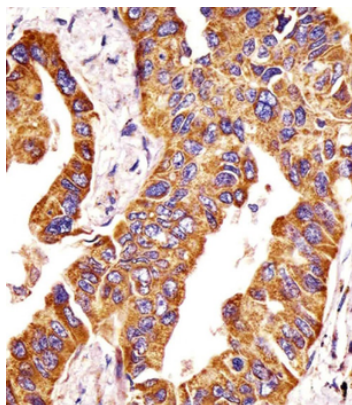
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Clone Number	BTD24249
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_004986.1
Expiration Date	12 months from date of receipt.



Flow cytometric analysis of MCF-7 cells using MMP14 Antibody (N-term) (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Staining MMP14 in human lung adenocarcinoma tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

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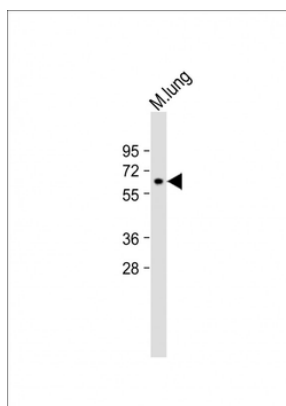
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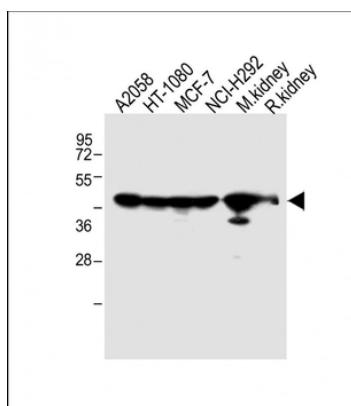
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Anti-MMP14 Antibody (N-term) at 1:2000 dilution + Mouse lung lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 66 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes: Anti-MMP14 Antibody (N-term) at 1:2000 dilution. Lane 1: A2058 whole cell lysate. Lane 2: HT-1080 whole cell lysate. Lane 3: MCF-7 whole cell lysate. Lane 4: NCI-H292 whole cell lysate. Lane 5: Mouse kidney lysate. Lane 5: Rat kidney lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 66 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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