BOSTER BIOLOGICAL TECHNOLOGY
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Anti-MMP8 Rabbit Monoclonal Antibody

Catalog Number: M01733

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Overview

Product Name	Anti-MMP8 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-MMP8 Rabbit Monoclonal Antibody catalog # M01733. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal EFA-13
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P22894

Technical Details

Immunogen	A synthesized peptide derived from human MMP8
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-2000

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	IHC, 1:50-200 ICC/IF, 1:50-200 IP, 1:50 FC, 1:50

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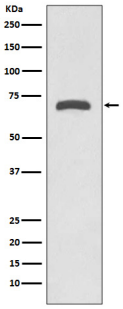
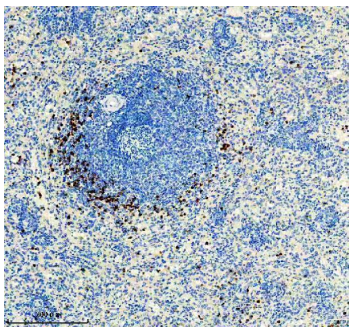
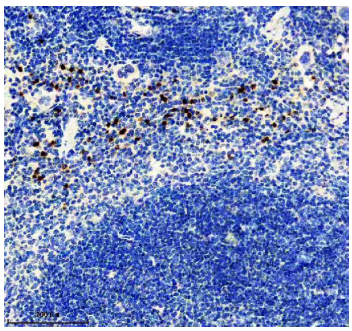
Anti-MMP8 Rabbit Monoclonal Antibody (M01733) Images



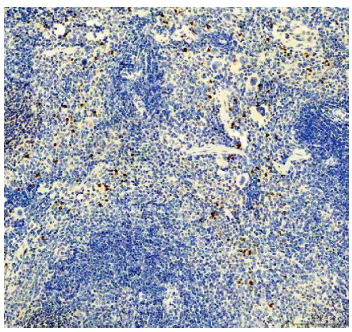
Western blot analysis of MMP8 expression in Human placenta lysate.



IHC analysis of MMP8 using anti-MMP8 antibody (M01733). MMP8 was detected in a paraffin-embedded section of human spleen tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:50 rabbit anti-MMP8 Antibody (M01733) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



IHC analysis of MMP8 using anti-MMP8 antibody (M01733). MMP8 was detected in a paraffin-embedded section of mouse spleen tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:50 rabbit anti-MMP8 Antibody (M01733) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



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4 Publications Citing This Product

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1. PubMed ID: 33468174, Luo S,Li W,Wu W,Shi Q.Elevated expression of MMP8 and MMP9 contributes to diabetic osteoarthritis progression in a rat model.J Orthop Surg Res.2021 Jan 19;16(1):64.doi:10.1186/s13018-021-02208-9.PMID:33468174;P MCID:PMC7814732.

2. PubMed ID: 25289023, Expression of matrix metalloproteinases-8 and -9 and their tissue inhibitor in the condyles of diabetic rats with mandibular advancement

3. PubMed ID: 26483688, Glycyrrhizic acid alleviates bleomycin-induced pulmonary fibrosis in rats

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