

Anti-MMP13 Rabbit Monoclonal Antibody

Catalog Number: M00420

About MMP13

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

Overview

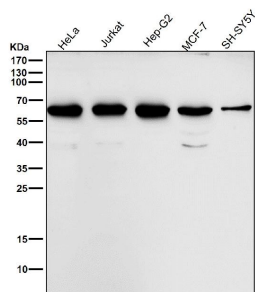
Product Name	Anti-MMP13 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-MMP13 Rabbit Monoclonal Antibody catalog # M00420. Tested in WB application. This antibody reacts with Human, Mouse.
Application	WB
Clonality	Monoclonal IDA-13
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
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	P45452

Technical Details

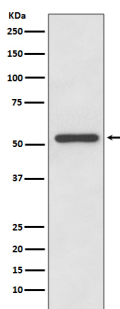
Immunogen	A synthesized peptide derived from human MMP13
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:500-1:2000
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Anti-MMP13 Rabbit Monoclonal Antibody (M00420) Images



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Western blot analysis of MMP13 expression in HeLa cell lysate.

4 Publications Citing This Product

1. PubMed ID: 26622502, Effects of ultrasound on estradiol level, bone mineral density, bone biomechanics and matrix metalloproteinase-13 expression in ovariectomized rabbits
2. PubMed ID: 25872797, Hydrogen sulfide attenuates IL-1 β -induced inflammatory signaling and dysfunction of osteoarthritic chondrocytes
3. PubMed ID: 28287423, Chondroprotective effects of ginsenoside Rg1 in human osteoarthritis chondrocytes and a rat model of anterior cruciate ligament transection

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