

Anti-MMP2 Monoclonal Antibody

Catalog Number: M00286-3

About MMP2

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

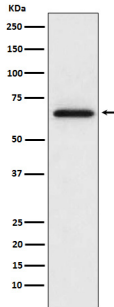
Product Name	Anti-MMP2 Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-MMP2 Monoclonal Antibody catalog # M00286-3. Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, ICC, WB
Clonality	Monoclonal ADGF-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	P08253

Technical Details

Immunogen	A synthesized peptide derived from human MMP2
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 ICC/IF 1:50-1:200 FC 1:100
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Anti-MMP2 Monoclonal Antibody (M00286-3) Images



Western blot analysis of MMP2 expression in L6 cell lysate.

23 Publications Citing This Product

1. PubMed ID: -, Hua, D., Tang, L., Wang, W., Tang, S., Yu, L., Zhou, X., Wang, Q., Sun, C., Shi, C., Luo, W., Jiang, Z., Li, H., Yu, S., Improved Antiglioblastoma Activity and BBB Permeability by Conjugation of Paclitaxel to a Cell-Penetrative MMP2-Cleavable Peptide. Adv.Sci.2020,200
2. PubMed ID: 32463570, Xu T, Pan L, Li L, Hu S, Zhou H, Yang C, Yang J, Li H, Liu Y, Meng X, Li J. MicroRNA-708 modulates Hepatic Stellate Cells activation and enhances extracellular matrix accumulation via direct targeting TMEM88. J Cell Mol Med. 2020 Jul;24(13):7127-7140.doi: 10.1111/jc
3. PubMed ID: 18416455, Li Jk, Yu L, Shen Y, Zhou Ls, Wang Yc, Zhang Jh. World J Gastroenterol. 2008 Apr 21;14(15):2308-13. Inhibition Of Cxcr4 Activity With Amd3100 Decreases Invasion Of Human Colorectal Cancer Cells In Vitro.

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